EP 4.2:Co3/7

United States
Environmental Protection
Agency

Office of Air Quality
Planning and Standards
Research Triangle Park NC 27711

EPA-450/5-80-008b
May 1980

Air

ORIGINAL

EPA

A Statistical Study of Coal Sulfur Variability and Related Factors - Documentation for the Coal Sulfur Variability Data Base and Analytical Program

COMPLETED

EPA-450/5-80-008b

A Statistical Study of Coal Sulfur Variability and Related Factors - Documentation for the Coal Sulfur Variability Data Base and Analytical Program

by

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Contract No. 68-02-2592

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Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air, Noise, and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

May 1980

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ACKNOWLEDGEMENTS

This study was prepared by the Energy Division of Foster Associates, Incorporated, under the direction of Radford L. Schantz. George R. Warholic, project manager, and John E. Morton, project statistician, contributed to all parts of the study. Yimin Ngan performed the computer programming and assisted in the development of the structure of the computer data bases. Other members assisting in this study included James E. Spearman, who prepared the section on regression analysis, and Yvonne Harris.

Valuable assistance was also provided by Mr. Carl Nelson of PEDCo Environmental.

Foster Associates would like to thank the many electric utilities, coal producers, and other organizations who provided data and assistance. In particular, the following deserve special recognition:

Consolidation Coal Company
Amax Coal Company
Peabody Coal Company
Edison Electric Institute
Virginia Electric and Power Company
U.S. Bureau of Mines

We also appreciate the active interest and recommendations of John Fink, Rayburn Morrison and William Kwapil of the Energy Strategies Branch of the Environmental Protection Agency.

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TABLE OF CONTENTS

	Page
Introduction	1
Data Base	2
Computer Program	2
Program Constraints	4
ECL Samples	4
System Flow	5
Accessory Appendices	6

List of Appendices

Appendix A:	Coal Sulfur Analyses Data Base Format	A-1
Appendix B:	FORTRAN V Computer Program	B-1
Appendix C:	Input/Output Flow Diagram	C-1
Appendix D:	Sample of Coal Analyses Data File	D-1
Appendix E:	Sample Output of Analytical Program	E-1
Appendix F:	Interconnections Between Main Program and Various Subroutines/Function	F-1
Appendix G:	Index to Mine Locations and Seams Produced	G-1
Appendix H:	List of FIPS Codes For States and Counties	H-1
Appendix I:	List of U.S. Bureau of Mines Town Codes and Names	I-1
Appendix J:	List of U.S. Bureau of Mines Bed Codes and Names	J-1

Introduction

The purpose of this report is to describe the data structure and analytical program developed for the EPA project "A Statistical Study of Coal Sulfur Variability and Related Factors" performed by Foster Associates, Inc. Its content and scope are designed to convey basic and necessary information about the data base and the computer program to permit data processing personnel to perform modifications and improvements to satisfy specific needs.

To successfully use either the data base or the program, the following points must be understood:

A. The data base is in Fieldata character representation format, not in Ascii character format. Any user who works on systems other than UNIVAC or who requires the data base in Ascii, must request the Ascii version of the data base from EPA.

B. The computer program was written in FORTRAN V, not in Ascii FORTRAN IV. Some modifications must be made if the use of Ascii FORTRAN compiler is desired.

Data Base

The coal analysis data base contains approximately 94,700 records. Each record has a logical length of 123 characters.[1] The record layout and brief descriptions of fields of this data base can be found in Appendix A.

Computer Program

The FORTRAN V computer program (see Appendix B) discussed here was used during the entire study as the core program from which several modified programs were developed to analyze the data base for specific needs and requirements.

The program[2] consists of a main routine, 10 subroutines, and one function. It was designed to allow the programmer/analyst enough flexibility to customize the program to meet various requirements with minimum modifications. As discussed below, a READ statement from unit #5 of control statements allows an acceptable degree of control on the program's scope and range of analysis.

Depending on the degree of analysis, each control statement card contain various control fields such as company code, mine code, tonnage range, sulfur value range, ash value range, and so on, used to control the logical flow of the program. Below is a sample of the control statements:

1/ The name of the data base is COAL-L123 and currently resides (as of April 1980) on disk: DSD141.

2/ The name of this program as it is now on DSD141 (April 9, 1980) is FOS-SOURCE.ANAL7 or FOS-SOURCE.ANALYSIS.

```
 1:  COMPANY 08922, MINE 10006, TONNAGE RANGE(10200-10600)
 2:  08922100060000000000000102000010600
 3:
 4:  COMPANY 08981, MINE 10075, TONNAGE RANGE(1000-1250)
 5:  08981100750000000000000010000001250
 6:
 7:  COMPANY 08983, MINE 10079, TONNAGE RANGE(0-80)
 8:  08983100790000000000000000000000080
 9:
10:  COMPANY 08985, MINE 10087, TONNAGE RANGE(7700-10600)
11:  08985100870000000000000077000010600
12:
13:  COMPANY 08987, MINE 10038, TONNAGE RANGE(1500-1700)
14:  08987100880000000000000015000001700
15:
       A    B    C     D      E      F
```

These 15 lines of control statements will enable the program to analyze five different mines. Three lines are needed for the analysis of each mine. The following explanations cover the first three lines of control cards.

1. Title giving the company code, mine code, and tonnage range

2. Control Statement:
   A = company code
   B = mine code
   C = minimum date
   D = maximum date
   E = lowest tonnage desired
   F = highest tonnage desired

3. A blank card used as a switch to indicate the end of records belonging to each desired mine code and allowing the analysis to take place.

Further modifications can be made to increase or reduce the number of control fields (items A - F in control statements and corresponding variables in the read from unit #5 of the FOS-SOURCE.ANAL7 program and subsequent logical steps).

Program Constraints

1. The input file must be sorted by mine code, company code, date, and tonnage size.

2. This analytical program can process a maximum of 2,100 records for each mine. For a mine which has more than 2,100 records in the data base, the size of the various arrays must be increased, which consequently requires an increase in the size of the program region.

3. The minimum date was set at 1960 since it was known that the date field in all records of the data base was post 1960.

ECL Samples

1. Compile and link edit (absolute element or load module creation)

```
@RUN,P/R08XYZW,45054FOS,EDS,15
@SSG RUN.COMPILE
SGS
THE LIB IS FOS-
DELETE
NOSYM
FORABS ANAL7
@EOF
@EOF
@FIN
```

2. Execution step (execution of previously created load module or absolute element)

```
@RUN,P/R 08MSL,45054FOS,EDS,15
@SYM,  PRINT$.,,SO7PR1
@ASG,A COAL-$PRT.
@BRKPT PRINT$/COAL-$PRT
@ASG,A COAL-PARM.
@USE 5., COAL-PARM.
@ASG,A COAL-L123.
@USE 10., COAL-L123.
@XQT FOS-ABS.ANAL7
@BRKPT PRINT$
@EOF
@FIN
```

In order to execute these samples of Executive Control language, the following assumptions are made:

- The source program ANAL7 was created and saved in EDS*FOS-SOURCE.ANAL7.

- The absolute element file EDS*FOS-ABS was created and catalogued, so that when the compile and link edit step is executed the absolute element will be properly catalogued in EDS*FOS-ABS.ANAL7.

- Appropriate SGS statements were also available and accessible.

System Flow

The flow diagram set out in Appendix C describes how the input and output files flow through the analysis program.

The raw data file is read from logical unit #10 which must be sorted in ascending order as required by the program (in this case it must be by mine code, company code, date, and tonnage). It is very crucial to know maximum possible number of records for each mine so that the size of the various arrays in the program will be increased properly. A sample of this coal data file is attached in Appendix D.

Using control fields, a series of cards are read from logical unit #5. The selection of records in the raw data file for a particular analysis is provided by these control statements.

Logical unit #6 is used to write out the analytical report as well as error messages. A complete sample of output for one mine is enclosed in Appendix E.

In Appendix F, a simple flow chart is drawn to show the connections between the main routine and various subroutines and functions as well as calling subroutines and called subroutine. The functions of each of the routines were provided as a series of comments before the start of each routine (see program listing in Appendix B).

Accessory Appendices

Appendices G through J provide additional information for users of the coal analysis data base. Appendix G provides an index to the locations and seams of the mines included in the data base. Appendix H provides a list of the FIPS codes for states and counties. Appendix I contains a list of the U.S. Bureau of Mines town codes and names, while Appendix J provides a list of the U.S. Bureau of Mines coal bed codes and names.

APPENDICES

A

APPENDIX A

COAL SULFUR ANALYSES DATA
DATA BASE TAPE FORMAT

Field Number (1)	Field Position From - To (2)	Field Size[1] (3)	Field Descriptions (4)
1	1- 2	XX	FIPS State Code[2]
2	3- 3	X	State Modifier[3]
3	4- 6	XXX	FIPS County Code[2]
4	7- 8	XX	USBM Producing District
5	9- 13	XXXXX	Company Code
6	14- 18	XXXXX	Supplier Code
7	19- 23	XXXXX	Mine Code Number
8	24- 28	XXXXX	Town Code Number[4]
9	29- 34	XXXXXX	Bed Code Number[5]
10	35- 35	X	Rank of Coal[6]
11	36- 36	X	Mining Method[7]
12	37- 37	X	Preparation Code[8]
13	38- 43	XXXXXX	Date of Sample[9]
14	44- 49	XXXXXX	Sequence Number[10]
15	50- 55	XXXXXX	Core Hole Number
16	56- 56	X	Method of Sampling[11]
17	57- 57	X	Type of Sample[12]
18	58- 64	XXXXXXX	Tonnage Sampled
19	65- 65	X	Flag for Estimated Tonnage[13]
20	66- 69	XX$_{\Lambda}$XX	Moisture Content, Percent, as Received
21	70- 73	XX$_{\Lambda}$XX	Volatile Matter, Percent, as Received
22	74- 77	XX$_{\Lambda}$XX	Fixed Carbon, Percent, as Received
23	78- 81	XX$_{\Lambda}$XX	Ash Content, Percent, as Received
24	82- 85	XX$_{\Lambda}$XX	Sulfur Content, Percent, as Received
25	86- 90	XXXXX	Heat Content, Btu per Pound, as Received
26	91- 94	XXXX	Ash Fusion Temperature, °F.
27	95- 98	XX$_{\Lambda}$XX	SO_2 Emissions, lbs SO_2/MMBtu[14]

Field Number (1)	Field Position From - To (2)	Field Size[1/] (3)	Field Descriptions (4)
28	99-102	XX$_{\Lambda}$XX	Volatile Matter, Percent, Dry
29	103-106	XX$_{\Lambda}$XX	Fixed Carbon, Percent, Dry
30	107-110	XX$_{\Lambda}$XX	Ash Content, Percent, Dry
31	111-114	XX$_{\Lambda}$XX	Sulfur Content, Percent, Dry
32	115-119	XXXXX	Heat Content, Btu per Pound, Dry
33	120-123	XX$_{\Lambda}$XX	SO_2 Emissions, As Reported, lbs SO_2/MMBtu[15/]
34	124-I25	XX	Size Code[16/]

1/ Λ = implied decimal.

2/ U.S. Department of Commerce, National Bureau of Standards, Federal Information Processing Standards Publication 601, November 1, 1968 (34 pages).

3/ For Kentucky 1 = Eastern, 2 = Western; For Pennsylvania 1 = Anthracite, 2 = Bituminous; all others = 0.

4/ CODES beginning with 0 are equivalent to four-digit codes used by USBM in attachment to analytical Data Tape documentation. Codes beginning with 1 represent towns not listed by USBM.

5/ First Digit: 0 means an equivalent USBM code exists, 1 means no USBM code exists and a special code was assigned.
Digits 2-4: equivalent to USBM bed codes.
Digits 5-6: identifiers for local bed names used for the same bed.

6/ 1 = lignite, 2 = subbituminous, 3 = bituminous, 4 = anthracite.

7/ 1 = underground, 2 = surface, 3 = surface-auger, 4 = underground-surface, 9 = unknown.

8/ 1 = Raw, 2 = washed or cleaned, 3 = partially washed or cleaned, 9 = unknown.

9/ Year-month-day.

10/ Railroad car, train, barge, or sample number.

11/ 1 = automatic sample--ASTM; 2 = hand sample--ASTM; 3 = automatic sample--non-ASTM; 4 = hand sample--non-ASTM; 9 = unknown.

12/ 1 = core sample, 2 = as mined, 3 = as shipped, 4 = as delivered, 5 = as burned, 9 = unknown.

13/ 0 = measured tonnage, 1 = estimated based on number of railroad cars, barges, etc

14/ Calculated based on sulfur and heat contents and assuming that 95 percent by weight of the sulfur present in the coal is released as sulfur dioxide.

15/ Calculated and reported by coal consuming company.

16/ Bureau of Mines data only.

```
      C >>>>>>>>>>>>>>>>>>>>  MAIN ROUTINE  <<<<<<<<<<<<<<<<<<<<<<<<
      C
      C    ***  PROGRAM ANALYSIS  ***  --- ANALYSIS BY MINE ---
      C
      C    STATISTICAL ANALYSIS PROGRAM FOR WORK ORDER 830.9 AND 830.11
      C
      C    DATE = 02/15/79
      C    REVISED ON 05/14/79
      C
      C    THIS IS THE STATISTICAL ANALYSIS PROGRAM OF THE COAL DATABASE
      C      BY MINE AND BY COMPANY WITH MAXIMUM RECORDS ALLOWED OF 2100.
      C
      C    FOUR VARIABLES ARE ANALYZED:
      C       1. LOT SIZE OR TONNAGE - SIZE
      C       2. SULFUR VALUES AS RECEIVED - SULFUR
      C       3. HEAT CONTENT - BTU
      C       4. POUND OF SO2 PER MMBTU - SO2
      C
      C ------------------------------------------------
      C    MAJOR OUTPUTS ARE:
      C       1. PLOT DATE(DAYS) VERSUS EACH VARIABLE
      C       2. STATISTICAL DETAILS SUCH AS:
      C          - MEAN
      C          -STANDARD DEVIATION
      C          -RELATIVE STANDARD DEVIATION
      C          -CHI SQUARE VALUES FOR 6, 4, AND 2 DEGREES OF FREEDOM
      C       3. HISTOGRAMS:
      C          -NORMAL DISTRIBUTION - AS OBSERVED
      C          -NORMAL DISTRIBUTION - AS EXPECTED
      C          -INVERTED GAMMA DISTRIBUTION AS EXPECTED
      C          -LOG NORMAL DISTRIBUTION - AS OBSERVED
      C          -LOG NORMAL DISTRIBUTION - AS EXPECTED
      C
      C------------------------------------------------------
      C    SUBROUTINES USED:
      C
      C       1. PROC
      C       2. DCONV(FUNCTION)
      C       3. ANAL
      C       4. TEST
      C       5. CDTR
      C       6. DLGAM
      C       7. HIST
      C       8. MEANSD
      C       9. CAT
      C      10. NDTR
      C      11. PLOT
      C      12. SORT
      C
      C-------------------------------------------------
      C     LANGUAGE = FORTRAN V (FIELDATA)
      C
      C ------------------------------------------------
      C
      C    VARIABLE DESCRIPTION
```

```
C
C     MAJOR VARIABLES ARE:
C
C     DMIN    MINIMUM DATE(INTEGER)
C     ISET    COUNTER FOR THE NUMBERS OF MINES ANALYZED (INTEGER)
C     IDS*  ARRAY TO HOLD TITLE/HEADING OF THE ANALYSIS (ALPHA)
C     KCO*  COMPANY CODE (ALPHA)
C     KMINE*  MINE CODE (ALPHA)
C     AFROM*  STARTING DATE (INTEGER)
C     ATO*  ENDING DATE (INTEGER)
C     AT1*  MINIMUM LOT SIZE DESIRED (REAL)
C     AT2*  MAXIMUM LOT SIZE DESIRED (REAL)
C
C     NOTE:  (*) INDICATES THAT THESE VARIABLES ARE ENTERED
C              INTO ANALYSIS BY PARAMETER CARDS
C              READ FROM LOGICAL UNIT # 5
C
C     N   COUNTER FOR TOTAL NUMBER OF GOOD RECORDS ENTERED INTO ANALYSIS
C     INN    COUNTER FOR TOTAL NUMBER OF RECORDS READ
C     IPD    DISTRICT CODE (ALPHA)
C     ICO    COMPANY CODE (ALPHA)
C     MINE    MINE CODE (ALPHA)
C     IBED    BED OR SEAM CODE (ALPHA)
C     IRA    RANK OF COAL CODE (ALPHA)
C     IMM    MINING METHOD CODE (ALPHA)
C     IPC    PREPARATION CODE (ALPHA)
C     DATE    ARRAY TO HOLD DATES
C     IMS    METHOD OF SAMPLING (ALPHA)
C     ITS    TECHNIQUE OF SAMPLING (ALPHA)
C     SIZE    ARRAY(REAL) TO HOLD LOT SIZE/TONNAGE
C     SULFUR    ARRAY(REAL) TO HOLD SULFUR VALUES
C     BTU    ARRAY(REAL) TO HOLD HEAT CONTENT VALUES
C     SO2LB    ARRAY(REAL) TO HOLD SO2 VALUES
C
C ---------------------------------
C      LOGICAL UNIT #
C
C     5    READ PARAMETER CARDS VALUES
C    10    READ INPUT FILE (RAW DATA)
C     6    OUTPUT TO PRINTER
C
C >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
      INTEGER DMIN,DATE,AFROM,ATO
      COMMON SIZE(2101),DATE(2101),SULFUR(2101),BTU(2101),SO2LB(2101),
     X   IDS(40),DMIN,N,ISET,IREC(2101),JPD,JMINE,JCO,JBED,
     X   JMS,JTS,JRA,JMM,JPC,JFIPS
      DATA ISET/0/,IN/0/
  100 N=1
      DMIN=999999
      ISET=ISET+1
C
C     READ HEADING AND PARAMETER CARD FIELDS
C
      READ(5,1000,END=999) IDS
 1000 FORMAT(40A2)
  110 READ(5,1001,END=113) KCO,KMINE,AFROM,ATO,AT1,AT2
      IF (ATO.EQ.0) ATO=999999
      IF (AT2 .EQ. 0.0) AT2=9999999.
 1001 FORMAT(A5,A5,I6,I6,F7.0,F7.0)
C
C     CHECK FOR THE END OF ANALYSIS
```

```
C
      IF (KCO.NE.' '.OR.KMINE.NE.' ') GO TO 115
111   CALL PROC
      SIZE(1)=SIZE(N+1)
      DATE(1)=DATE(N+1)
      SULFUR(1)=SULFUR(N+1)
      BTU(1)=BTU(N+1)
      SO2LB(1)=SO2LB(N+1)
      GO TO 100
113   N=N+1
114   CALL PROC
      GO TO 999
115   IF(ISET .GT. 1 .AND. N .EQ. 1) GO TO 121
C
C     READ INPUT DATA FILE
C
120   READ(10,1002,END=114) IFIPS,IPD,ICO,MINE,IBED,IRA,IMM,IPC,
     X DATE(N),IMS,ITS,SIZE(N),SULFUR(N), BTU(N),SO2LB(N)
      INN = INN + 1
 1002  FORMAT(A6,A2,A5,5X,A5,5X,A6,A1,A1,A1,I6,12X,A1,A1,F7.0,
     * 17X,F4.2,F5.0,4X,F4.2,25X)
C
C     CHECK FOR MISSING VALUES
C
121   IF (SIZE(N).EQ.9999999..OR.SIZE(N).EQ.0.) GO TO 120
      IF(SULFUR(N).EQ.99.99.OR.SULFUR(N).EQ.0.0) GO TO 120
      IF (BTU(N).EQ.99999..OR.BTU(N).EQ.0.) GO TO 120
      IF (SO2LB(N).EQ.99.99.OR.SO2LB(N).EQ.0.0) GO TO 120
      IF (DATE(N).EQ.999999.OR.DATE(N).EQ.0) GO TO 120
C
C     CHECK FOR MATCHED MINE CODE
C
      IF(KMINE.EQ.MINE.OR.KMINE.EQ.'99999') GO TO 125
      IF(KMINE.LT.MINE) GO TO 110
      GO TO 120
C
C     CHECK FOR MATCHED COMPANY CODE
C
125   IF(KCO.EQ.ICO.OR.KCO.EQ.'99999') GO TO 135
      IF(KCO.LT.ICO) GO TO 110
      GO TO 120
C
C     CHECK FOR DESIRED RANGE OF DATES
C
135   IF(AFROM.LE.DATE(N).AND.ATO.GE.DATE(N)) GO TO 145
      GO TO 120
C
C     CHECK FOR DESIRED RANGE OF TONNAGE(SIZE)
C
145   IF(AT1.LE.SIZE(N).AND.AT2.GE.SIZE(N)) GO TO 150
      GO TO 120
150   IREC(N)=INN
      N=N+1
      JPD=IPD
      JMINE=MINE
      JCO=ICO
      JBED=IBED
      JMS=IMS
      JTS=ITS
      JRA=IRA
      JMM=IMM
      JPC=IPC
      JFIPS=IFIPS
```

```
180:      C
181:      C     CHECK IF TOTAL NUMBER OF RECORDS SO FAR READ DOES NOT EXCEED
182:      C     2100.
183:      C
184:            IF (N.LE.2100) GO TO 155
185:            WRITE(6,1003) ISET,IDS
186:      1003  FORMAT(' TOO MANY RECORDS FOR SET # ',I3,' -- ',40A2)
187:            GO TO 120
188:      155   IF(DATE(N-1).LT.DMIN) DMIN=DATE(N-1)
189:            GO TO 120
190:      999   STOP
```

```
C >>>>
```

```
C <<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
C
C     FUNCTION DCONV
C
C     THIS SUBROUTINE CONVERTS DATE INTO DAYS
C     WITH THE MINIMUM DATE ALLOWED=1960
C
C <<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
C
      INTEGER FUNCTION DCONV(DATE)
      INTEGER DATE
      DIMENSION MONTHS(13)
      DATA MONTHS/0,0,31,59,90,120,151,181,212,243,273,304,334/
      IY=DATE/10000
      IM=DATE/100-IY*100
      ID=DATE-IM*100-IY*10000
      DCONV=MONTHS(IM+1)+ID
      IF (IM.GT.2.AND.IY.EQ.IY/4*4) DCONV=DCONV+1
      IY=IY-1
      DO 100 I=60,IY
      DCONV=DCONV+365
      IF (I.EQ.I/4*4)DCONV=DCONV+1
100   CONTINUE
      RETURN
```

```
C >>>>
```

```
319:      C
320:      C      INVERTED GAMMA DISTRIBUTION
321:      C
322:            IB=2.5+MEAN**2/SD**2
323:            AA=MEAN*(IB-1)
324:            DF=2*IB
325:            A=0.0
326:            DO 200 I=1,9
327:            P=1.0
328:            X=2*AA/(MEAN+(I-4.5)*SD)
329:            IF(X.GT.0.)
330:           X    CALL CDTR(X,DF,P,D,IER)
331:            P=1.0-P
332:            NCELLE(I)=(P-A)*N+.5
333:            CELLE(I)=(P-A)*N
334:      200   A=P
335:            WRITE(6,1006)
336:      1006  FORMAT('1','INVERTED GAMMA DISTRIBUTION - EXPECTED')
337:            CALL HIST(NCELLE,MEAN,SD,0)
338:            CALL TEST(NCELLO,CELLE)
339:      C
340:      C      LOG NORMAL DISTRIBUTION
341:      C
342:            DO 300 I=1,N
343:      300   DATA(I)=ALOG(DATA(I))
344:            CALL MEANSD(DATA,N,MEAN,SD,RSD)
345:            CALL CAT(DATA,N,MEAN,SD,NCELLO)
346:            A=0.0
347:            DO 320 I=1,9
348:            CALL NDTR(I-4.5,P,D)
349:            NCELLE(I)=(P-A)*N+.5
350:            CELLE(I)=(P-A)*N
351:      320   A=P
352:            WRITE(6,1007)
353:      1007  FORMAT('1','LOG NORMAL DISTRIBUTION - OBSERVED')
354:            CALL HIST(NCELLO,MEAN,SD,1)
355:            WRITE(6,1008)
356:      1008  FORMAT('0','LOG NORMAL DISTRIBUTION - EXPECTED')
357:            CALL HIST(NCELLE,MEAN,SD,1)
358:            CALL TEST(NCELLO,CELLE)
359:            RETURN
```

```
360:      C >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> <<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
361:      C
362:      C      SUBROUTINE TEST
363:      C
364:      C      THIS SUBROUTINE COMPUTE THE DIFFERENCE BETWEEN
365:      C      THE OBSERVED AND EXPECTED CELLS VALUES OF
366:      C      THE DISTRIBUTION.
367:      C      CHI - SQUARE VALUES ARE ALSO CALCULATED HERE
368:      C
369:      C >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> <<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
370:      C
371:            SUBROUTINE TEST(NCELLO,CELLE)
372:            DIMENSION NCELLO(9),CELLE(9)
373:            WRITE(6,1001)
374:      1001  FORMAT('0CELL    OBSERVED    EXPECTED    DIFFERENCE')
375:            CHI=0.0
376:            CHI5=0.0
377:            CHI7=0.0
378:            DO 100 I=1,9
379:            DIFF=CELLE(I)-NCELLO(I)
380:            IF(ABS(DIFF).GE.0.5)DIFF=ABS(DIFF)-0.5
381:            IF(CELLE(I).EQ.0.0) GO TO 100
382:            CHI=CHI+DIFF**2/CELLE(I)
383:            IF(I.GT.1.AND.I.LT.9)CHI7=CHI7+DIFF**2/CELLE(I)
384:            IF(I.GT.2.AND.I.LT.8)CHI5=CHI5+DIFF**2/CELLE(I)
385:      100   WRITE(6,1002) I,NCELLO(I),CELLE(I),DIFF
386:      1002  FORMAT(' ',I3,8X,I4,4X,F6.1,7X,F6.1)
387:            WRITE(6,1003) CHI,CHI7,CHI5
388:      1003  FORMAT('0CHI SQUAREDS ARE',3F14.3,' FOR 6,4,2 DEGREES OF FREEDOM')
389:            RETURN
```

```
390:      C >>>>
```

```
446:      130   D=0.0
447:            GO TO 150
448:      140   DD=DEXP(DD)
449:            D=SNGL(DD)
450:      C TEST FOR G GREATER THAN 1000.0
451:      C     TEST FOR X GREATER THAN 2000.0
452:      150   IF(G-1000.) 160,160,180
453:      160   IF(X-2000.) 190,190,170
454:      170   P=1.0
455:            GO TO 610
456:      180   A=DLOG(XX/GG)/3.D0
457:            A=DEXP(A)
458:            B=2.D0/(9.D0*GG)
459:            C=(A-1.D0+B)/DSQRT(B)
460:            SC=SNGL(C)
461:            CALL NDTR(SC,P,DUMMY)
462:            GO TO 490
463:      C     COMPUTE THETA
464:      190   K=IDINT(G2)
465:            THETA=G2-DBLE(FLOAT(K))
466:            IF(THETA-1.D-8) 200,200,210
467:      200   THETA=0.D0
468:      210   THP1=THETA+1.D0
469:      C     SLECT METHOD FR COMPUTING T1
470:            IF (THETA) 230,230,220
471:      220   IF(XX-10.D0) 260,260,320
472:      C     COMPUTE T1 FOR THETA EQUALS 0.0
473:      230   IF(X2-1.68D02) 250,240,240
474:      240   T1=1.0
475:            GO TO 400
476:      250   T11=1.D0-DEXP(-X2)
477:            T1=SNGL(T11)
478:            GO TO 400
479:      C     COMPUTE T1 FOR THETA GRATER THAN 1.0 AND X LESS
480:      C     THAN OR EQUAL TO 10.0260 SER=X2*(1.D0/THP1-X2/THP1+1.D0))
481:      260   SER=X2*(1.D0/THP1-X2/(THP1+1.D0))
482:            J=+1
483:            CC=DBLE(FLOAT(J))
484:            DO 270 ITI=3,30
485:            XI=DBLE(FLOAT(ITI))
486:            CALL DLGAM(XI,FAC,IOK)
487:            TLOG=XI*DLX2-FAC-DLOG(XI+THETA)
488:            TERM=DEXP(TLOG)
489:            TERM=DSIGN(TERM,CC)
490:            SER=SER+TERM
491:            CC=-CC
492:            IF (DABS(TERM)-1.D-9) 280,270,270
493:      270   CONTINUE
494:            GO TO 600
495:      280   IF(SER) 600,600,290
496:      290   CALL DLGAM(THP1,GTH,IOK)
497:            TLOG=THETA*DLX2+DLOG(SER)-GTH
498:            IF(TLOG+1.68D02) 300,300,310
499:      300   T1=0.0
500:            GO TO 400
501:      310   T11=DEXP(TLOG)
502:            T1=SNGL(T11)
503:            GO TO 400
```

```
504:      C     COMPUTE T1 FOR THETA GREATER THAN 0.0 AND
505:      C     X GREATER THN 10.0 AND LESS THAN 2000
506:      320   A2=0.D0
507:            DO 340 I=1,25
508:            XI=DBLE(FLOAT(I))
509:            CALL DLGAM(THP1,GTH,IOK)
510:            T11=-(13.D0*XX)/XI+THP1*DLOG(13.D0*XX/XI)-GTH-DLOG(XI)
511:            IF(T11+1.68D02) 340,340,330
512:      330   T11=DEXP(T11)
513:            A2=A2+T11
514:      340   CONTINUE
515:            A=1.01282051+THETA/156.D0-XX/312.D0
516:            B=DABS(A)
517:            C=-X2+THP1*DLX2+DLOG(B)-GTH-3.951243718581427
518:            IF(C+1.68D02) 370,370,350
519:      350   IF(A) 360,370,380
520:      360   C=-DEXP(C)
521:            GO TO 390
522:      370   C=0.D0
523:            GO TO 390
524:      380   C=DEXP(C)
525:      390   C=A2+C
526:            T11=1.D0-C
527:            T1=SNGL(T11)
528:      C     SELECT PROPER EXPRESSION FOR P
529:      400   IF(G-2.) 420,410,410
530:      410   IF(G-4.) 450,460,460
531:      C     COMPUTE P FOR G GREATER THAN ZERO AND LESS THAN 2.0
532:      420   CALL DLGAM(THP1,GTH,IOK)
533:            DT2=THETA*DLXX-X2-THP1*.6931471805599453-GTH
534:            IF(DT2+1.68D02) 430,430,440
535:      430   P=T1
536:            GO TO 490
537:      440   DT2=DEXP(DT2)
538:            T2=SNGL(DT2)
539:            P=T1+T2+T2
540:            GO TO 490
541:      C     COMPUTE P FOR G GREATER THA OR EQUAL TO 2.0
542:      C     AND LESS THAN 4.0
543:      450   P=T1
544:            GO TO 490
545:      C     COMPUTE P FOR G GREATER THAN OR EQUAL TO 4.0
546:      C     AND LESS THAN OR EQUAL TO 1000.0
547:      460   DT3=0.D0
548:            DO 480 I3=2,K
549:            THPI=DBLE(FLOAT(I3))+THETA
550:            CALL DLGAM(THPI,GTH,IOK)
551:            DLT3=THPI*DLX2-DLXX-X2-GTH
552:            IF(DLT3+1.68D02) 480,480,470
553:      470   DT3=DT3+DEXP(DLT3)
554:      480   CONTINUE
555:            T3=SNGL(DT3)
556:            P=T1-T3-T3
```

```
557:      C     SET ERROR INDICATOR
558:      490   IF(P) 500,520,520
559:      500   IF(ABS(P)-1.E-7) 510,510,600
560:      510   P=0.0
561:            GO TO 610
562:      520   IF(1.-P) 530,550,550
563:      530   IF(ABS(1.-P)-1.E-7) 540,540,600
564:      540   P=1.0
565:            GO TO 610
566:      550   IF(P-1.E-8) 560,560,570
567:      560   P=0.0
568:            GO TO 610
569:      570   IF((1.0-P)-1.E-8) 580,580,610
570:      580   P=1.0
571:            GO TO 610
572:      590   IER=-1
573:            D=-1.E25
574:            P=-1.E25
575:            GO TO 620
576:      600   IER=+1
577:            P=1.E25
578:            GO TO 620
579:      610   IER=0
580:      620   RETURN
```

```
C -----------------------------------------------------------------
C
C     SUBROUTINE DLGAM COMPUTES THE DOUBLE PRECISION NATURAL
C     LOGARITHM OF THE GAMMA FUNCTION OF A GIVEN DOUBLE PRECISION
C     NUMBER.
C
C -----------------------------------------------------------------
C
      SUBROUTINE DLGAM(XX,DLNG,IER)
      DOUBLE PRECISION XX,ZZ,TERM,RZZ,DLNG
      IER=0
      ZZ=XX
      IF(XX-1.D10) 2,2,1
1     IF(XX-1.D70) 8,9,9
C     SEE IF XX IS NEAR ZERO OR NEGATIVE
2     IF (XX-1.D-9) 3,3,4
3     IER=-1
      DLNG=-1.D75
      GO TO 10
C     XX GREATER THAN ZERO AND LESS THAN OR EQUAL TO 1.D+10
4     TERM=1.D0
5     IF(ZZ-18.D0) 6,6,7
6     TERM=TERM*ZZ
      ZZ=ZZ+1.D0
      GO TO 5
7     RZZ=1.D0/ZZ**2
      DLNG=(ZZ-0.5D0)*DLOG(ZZ)-ZZ+.9189385332046727-DLOG(TERM)+
     X   (1.D0/ZZ)*(.833333333333333D-1-(RZZ*(.2777777777777777D-2+
     X   (RZZ*(.7936507936507936D-3-(RZZ*(.5952380952380952D-3)))))))
      GO TO 10
C     XX GREATER THAN 1.D+10 AND LESS THAN 1.D+70
8     DLNG=ZZ*(DLOG(ZZ)-1.D0)
      GO TO 10
C     XX GREATER THAN OR EQUAL TO 1.D+70
9     IER=+1
      DLNG=1.D75
10    RETURN
```

```
618:      C -------------------------------------------------------------
619:      C
620:      C     THE SUBROUTINE HIST PRINTS HISTOGRAM CHARTS OF FREQUENCIES
621:      C     ON Y-AXIS VERSUS INTERVALS OF VARIABLE VALUES ON X-AXIS.
622:      C
623:      C
624:      C -------------------------------------------------------------
625:            SUBROUTINE HIST(FREQ,MEAN,SD,LOG)
626:            REAL MEAN,MIN(9),MAX(9)
627:            INTEGER FREQ(9),JOUT(9)
628:            DATA K/'*'/,NOTH/' '/,IN/9/
629:            DO 10 I=1,8
630:            MAX(I)=(I-4.5)*SD+MEAN
631:         10 MIN(I+1)=MAX(I)
632:            MIN(1)=0.
633:            MAX(9)=9999999.
634:      C     IF (LOG .EQ. 0) GO TO 12
635:      C     DO 11 I=1,9
636:      C     MIN(I)=10**MIN(I)
637:      C11   MAX(I)=10**MAX(I)
638:      1     FORMAT(' EACH ',A1,' EQUALS ',I2,' POINTS'/)
639:      2     FORMAT(I6,4X,9(12X,A1))
640:      5     FORMAT('0FREQUENCY',9I13)
641:      6     FORMAT('0CELL #    ',9I13)
642:      7     FORMAT (' ',131('-'))
643:      8     FORMAT(' FROM:     ',9(2X,F9.2,2X))
644:      9     FORMAT(' TO:       ',9(2X,F9.2,2X))
645:      12    ILINE=25
646:            WRITE(6,6) (I,I=1,9)
647:            WRITE(6,5)(FREQ(I),I=1,IN)
648:            WRITE (6,8) (MIN(I),I=1,9)
649:            WRITE (6,9) (MAX(I),I=1,9)
650:            WRITE(6,7)
651:            IMAX=0
652:            DO 20 I=1,IN
653:            IF (FREQ(I)-IMAX) 20,20,15
654:      15    IMAX=FREQ(I)
655:      20    CONTINUE
656:            JSCAL=1
657:            IF(IMAX-ILINE) 40,40,30
658:      30    JSCAL=(IMAX+ILINE-1)/ILINE
659:            WRITE(6,1) K,JSCAL
660:      40    DO 50 I=1,IN
661:      50    JOUT(I)=NOTH
662:            KMAX=IMAX/JSCAL
663:            DO 80 I=1,KMAX
664:            X=KMAX-(I-1)
665:            DO 70 J=1,IN
666:            IF (FREQ(J)/JSCAL-X) 70,60,60
667:      60    JOUT(J)=K
668:      70    CONTINUE
669:            IX=X*JSCAL
670:      80    WRITE(6,2) IX,(JOUT(J),J=1,IN)
671:            WRITE(6,7)
672:            RETURN
```

```
673:      C ---------------------------------------------------------------------
674:      C
675:      C     THE SUBROUTINE MEAND COMPUTES MEANS, STANDARD OF DEVIATION,
676:      C     AND RELATIVE STANDARD OF DEVIATION OF EACH VARIABLE.
677:      C
678:      C
679:      C ---------------------------------------------------------------------
680:            SUBROUTINE MEANSD(DATA,N,MEAN,SD,RSD)
681:            DIMENSION DATA(N)
682:            REAL MEAN
683:            MEAN=0.
684:            SD=0.
685:            DO 100 I=1,N
686:            MEAN=MEAN+DATA(I)
687:      100   SD=SD+DATA(I)**2
688:            SD=SD/N-(MEAN/N)**2
689:            IF(SD .LT. 0.) SD=0.
690:            SD=SQRT(SD)
691:            MEAN=MEAN/N
692:            RSD=SD/MEAN
693:            WRITE(6,1001) MEAN,SD,RSD
694:      1001  FORMAT(' SAMPLE STATISTICS: MEAN, SD, RSD --- ',3F10.4)
695:            RETURN
```

```
C ------------------------------------------------------------------
C
C       THE SUBROUTINE CAT CALCULATES CELL VALUES OF EACH
C       OF THE 9 INTERVALS OF HISTOGRAM DISTRIBUTION.
C
C
C ------------------------------------------------------------------
      SUBROUTINE CAT(DATA,N,MEAN,SD,NCELL)
      DIMENSION DATA(N),NCELL(9)
      REAL MEAN,MIN
      DO 100 I=1,9
100   NCELL(I)=0
      DO 200 I=1,N
      MIN=-99999.
      DO 250 J=1,8
      IF (DATA(I).LE.MIN.OR.DATA(I).GT.MEAN+(J-4.5)*SD) GO TO 250
      NCELL(J)=NCELL(J)+1
      GO TO 200
250   CONTINUE
      NCELL(9)=NCELL(9)+1
200   CONTINUE
      RETURN
```

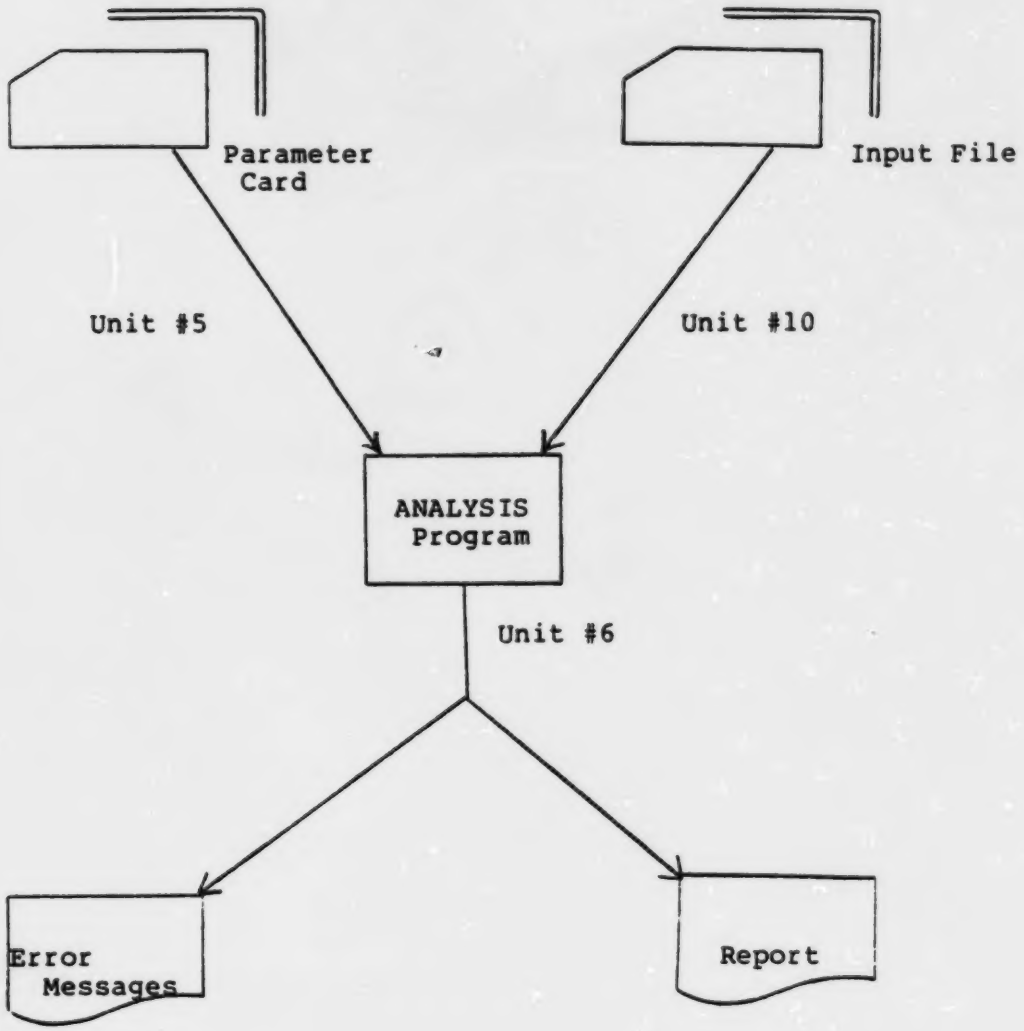
```
C ------------------------------------------------------------------
C
C     THE SUBROUTINE NDTR IS A GENERAL ROUTINE THAT COMPUTES
C     Y=P(X)=PROBABILITY THAT THE RANDOM VARIABLE DISTRIBUTED
C     NORMALLY, WITH MEAN=0 AND VARIANCE=1.
C
C
C ------------------------------------------------------------------
      SUBROUTINE NDTR(X,P,D)
      AX=ABS(X)
      T=1.0/(1.0+.2316419*AX)
      D=0.3989423*EXP(-X*X/2.0)
      P=1.0-D*T*((((1.330274*T-1.821256)*T+1.781478)*T-0.3565638)*T+
     X   0.3193815)
      IF (X.LT.0) P=1.0-P
      RETURN
```

```
C ------------------------------------------------------------------
C
C     THE SUBROUTINE PLOT WILL PRINT A PLOT WITH THE DATE
C     (CONVERTED INTO DAYS) ON Y-AXIS VERSUS THE VARIABLE
C     VALUES ON X-AXIS.
C
C
C ------------------------------------------------------------------
      SUBROUTINE PLOT(N,X,Y,NL)
      DIMENSION X(N),LINE(121),IND(40),XVAL(12)
      INTEGER Y(N)
      REAL YMIN,YMAX,YCOORD,YSCAL
      DATA IND/' ','1','2','3','4','5','6','7','8','9',
     *         'A','B','C','D','E','F','G','H','I','J','K','L',
     *         'M','N','O','P','Q','R','S','T','U','V','W','X',
     *         'Y','Z','#','$','&','+'/
      YMIN=Y(1)
      YMAX=Y(N)
      YSCAL=(YMAX-YMIN)/(NL-1)
      XMIN=X(1)
      XMAX=X(1)
      DO 100 I=1,N
      IF(X(I).LT.XMIN) XMIN=X(I)
      IF(X(I).GT.XMAX) XMAX=X(I)
  100 CONTINUE
      XSCAL=(XMAX-XMIN)/120
      IY=1
      DO 200 I=1,NL
      DO 210 J=1,121
  210 LINE(J)=0
      YCOORD=YMIN+(I-1)*YSCAL
      DO 300 J=IY,N
      IF (Y(J).GT.YCOORD+YSCAL/2) GO TO 250
      IX=1+(X(J)-XMIN)/XSCAL+.5
  300 LINE(IX)=LINE(IX)+1
  250 IY=J
      DO 260 J=1,121
      K=LINE(J)+1
  260 LINE(J)=IND(K)
      IF (I-1.EQ.(I-1)/5*5) WRITE(6,1001) YCOORD,LINE
      IF (I-1.NE.(I-1)/5*5) WRITE(6,1005) LINE
 1005 FORMAT(' ',9X,'!',121A1)
 1001 FORMAT(' ',F8.1,' !',121A1)
  200 CONTINUE
      WRITE(6,1002) YMAX
 1002 FORMAT(' ',F8.1,2X,121('-'))
      WRITE(6,1003)
 1003 FORMAT(' ',9X,'.',11(10X,'.'))
      DO 400 I=1,12
  400 XVAL(I)=XMIN+(I-1)*11*XSCAL
      WRITE(6,1004) (XVAL(I),I=1,12)
 1004 FORMAT(12F11.2)
      RETURN
```

```
C ------------------------------------------------------------------
C
C     THE SUBROUTINE SORT WILL SORT VARIOUS VARIABLE VALUES
C     BEFORE THE ACTUAL ANALYSIS WILL TAKE PLACE.
C
C
C ------------------------------------------------------------------
      SUBROUTINE SORT
      INTEGER DMIN,DATE
      COMMON SIZE(2101),DATE(2101),SULFUR(2101),BTU(2101),SO2LB(2101),
     X   IDS(40),DMIN,N,ISET,IREC(2101),JPD,JMINE,JCO,JBED,
     X   JMS,JTS,JRA,JMM,JPC,JFIPS
      DO 100 I=0,N
      ISTOP=N-I
      IF(ISTOP.LE.1) GO TO 900
      IMAX=1
      DO 200 J=1,ISTOP
      IF(DATE(J).GT.DATE(IMAX)) IMAX=J
  200 CONTINUE
      IF(IMAX.EQ.ISTOP) GO TO 100
      DATE(2101)=DATE(ISTOP)
      DATE(ISTOP)=DATE(IMAX)
      DATE(IMAX)=DATE(2101)
      SIZE(2101)=SIZE(ISTOP)
      SIZE(ISTOP)=SIZE(IMAX)
      SIZE(IMAX)=SIZE(2101)
      SULFUR(2101)=SULFUR(ISTOP)
      SULFUR(ISTOP)=SULFUR(IMAX)
      SULFUR(IMAX)=SULFUR(2101)
      BTU(2101)=BTU(ISTOP)
      BTU(ISTOP)=BTU(IMAX)
      BTU(IMAX)=BTU(2101)
      SO2LB(2101)=SO2LB(ISTOP)
      SO2LB(ISTOP)=SO2LB(IMAX)
      SO2LB(IMAX)=SO2LB(2101)
      IREC(2101)=IREC(ISTOP)
      IREC(ISTOP)=IREC(IMAX)
      IREC(IMAX)=IREC(2101)
  100 CONTINUE
  900 RETURN
      END
```

Appendix C

INPUT/OUTPUT FLOW DIAGRAM



Appendix D

Sample of Coal Analyses Data File

```
29621  21222509 8950 8929100200228004841531375080O 6410  94  410411150499999999916Z8 3541022699999 65799999999918A0 40011555
29631  21222509 8950 8929100200228004841531375080O 6530  94  41041 900499999999172Y 3641057799999 65599999999919U0 40011602
29641  21222509 8950 8929100200228004841531375080O 6560  94  41041 960999999999169O 3611049999999 65499999999918Y0 40011615
29651  21222509 8950 8929100200228004841531375080O 6520  94  41041 880999999999168Y 3551070499999 63199999999918S0 39011737
29661  21222509 8950 8929100200228004841531375080O 6580  94  41041 890999999999182Z 3641035499999 66899999999920O0 40011366
29671  21222509 8950 8929100200228004841531375080O 6510  94  41041 920999999999177O 3631040499999 66399999999919S0 40011459
29681  21222509 8950 8929100200228004841531375080O 6500  94  410411070999999999157I 3481055299999 62799999999917G0 39011817
29691  21222509 8950 8929100200228004841531375080O 6570  94  41041 940999999999178H 3261046899999 59199999999919Y0 38011555
29701  21222509 8950 8929100200228004841531375080O 6460  94  41041 940999999999163V 3351068099999 59699999999918I0 37011789
29711  21222509 8950 8929100200228004841531375080O 6450  94  41041 940999999999170J 3531057599999 63499999999918B0 39011673
29721  21222509 8950 8929100200228004841531375080O 6440  94  410411040999999999154I 3041070199999 54099999999917Z0 34011944
29731  21222509 8950 8929100200228004841531375080O 6430  94  410411130999999999162X 3541033999999 65199999999918J0 40011657
29741  21210709 8950 8929100201000304841531175080O 3040  94  34201 920999999999146I 3631087199999 63499999999916I0 40011973
29751  21210709 8950 8929100201000304841531175080O 3020  94  34201 740999999999144H 3881124499999 65799999999915G0 42012143
29761  21210709 8950 8929100201000304841531175080O 3000  94  34201 840999999999147A 3381096199999 58799999999916I0 37011967
29771  21210709 8950 8929100201000304841531175080O 2990  94  34201 900999999999131O 3541091199999 61799999999914A0 39011991
29781  21210709 8950 8929100201000304841531175080O 2980  94  34201 770999999999139S 3591112699999 61499999999915I0 39012055
29791  21210709 8950 8929100201000304841531175080O 2970  94  34201 790999999999152R 3961085099999 69599999999916A0 43011781
29801  21210709 8950 8929100201000304841531175080O 2960  94  34201 940999999999172I 3621034499999 66599999999919O0 40011418
29811  21210709 8950 8929100201000304841531175080O 2950  94  34201 870999999999174J 3461063799999 61999999999919I0 38011651
29821  21210709 8950 8929100201000304841531175080O 2940  94  34201 960999999999164S 3611062299999 64699999999918Z0 40011750
29831  21210709 8950 8929100201000304841531175080O 2930  94  34201 840999999999152Y 3751097799999 65099999999916T0 41011984
29841  21223309 8950 8929100200270004841531175090O 3700  94  46361 600999999999194S 4131077299999 72999999999920Z0 44011460
29851  21223309 8950 8929100200270004841531175090O 3840  94  46361 780999999999150S 4331116999999 73799999999917J0 47012114
29861  21223309 8950 8929100200270004841531175090O 3830  94  45601 700999999999150G 3901142199999 64999999999916Z0 42012281
29871  21223309 8950 8929100200270004841531175090O 3860  94  45601 860999999999183Y 3831063199999 68699999999920I0 42011632
29881  21223309 8950 8929100200270004841531175090O 3780  94  45601 720999999999184G 4261080299999 75099999999919W0 46011641
29891  21223309 8950 8929100200270004841531175090O 3850  94  45601 810999999999159Y 3851104599999 66399999999917A0 42012019
29901  21223309 8950 8929100200270004841531175090O 3740  94  45601 690999999999158Z 4001130099999 67399999999917U0 43012138
29911  21223309 8950 8929100200270004841531175090O 3760  94  45601 740999999999171J 3981097499999 68999999999918S0 43011851
29921  21223309 8950 8929100200270004841531175090O 3750  94  45601 700999999999154O 4091128699999 69199999999917I0 44012093
29931  21223309 8950 8929100200270004841531175090O 3720  94  45601 690999999999213I 4461040099999 81699999999922W0 48011171
29941  21223309 8950 8929100200270004841531175090O 3770  94  45601 770999999999167O 4151098599999 71499999999918I0 45011902
29951  21223309 8950 8929100200270004841531175090O 3710  94  44841 650999999999174B 4201108799999 72199999999918U0 45011858
29961  21223309 8950 8929100200270004841531175090O 3790  94  44841 590999999999147Y 3951166499999 64399999999915T0 42012398
29971  21222509 8950 8929100200331004841531375090O 600   94  410411120999999999106J 3101114599999 52499999999912Z0 35012551
29981  21222509 8950 8929100200331004841531375090O 630   94  410411100999999999115Y 3021110199999 51799999999913U0 34012474
29991  21222509 8950 8929100200331004841531375090O 620   94  410411150999999999115O 2921105899999 50199999999913U0 33012496
30001  21222509 8950 8929100200331004841531375090O 690   94  410411010999999999114I 3231120699999 54899999999912T0 36012466
30011  21222509 8950 8929100200331004841531375090O 680   94  410411110999999999110Z 3111115799999 52499999999912W0 35012551
30021  21222509 8950 8929100200331004841531375090O 670   94  410411100999999999116S 2931106199999 50499999999913I0 33012429
30031  21222509 8950 8929100200331004841531375090O 660   94  410411140999999999104Y 3011113799999 51399999999912J0 34012571
30041  21222509 8950 8929100200331004841531375090O 650   94  410411200999999999114G 3081094699999 53499999999913U0 35012441
30051  21222509 8950 8929100200331004841531375090O 640   94  410411100999999999111Z 2931112599999 50199999999912S0 33012501
30061  21222509 8950 8929100200228004841531375090O 7010  94  41041 910999999999164S 3541069499999 62999999999918I0 39011765
30071  21222509 8950 8929100200228004841531375090O 7000  94  41041 910999999999176J 3541057999999 64199999999919W0 39011559
30081  21222509 8950 8929100200228004841531375090O 6990  94  41041 990999999999178H 3601042999999 65699999999919A0 40011576
30091  21222509 8950 8929100200228004841531375090O 6980  94  41041 890999999999171Z 3641058799999 65399999999918K0 40011622
30101  21222509 8950 8929100200228004841531375090O 6840  94  410411010999999999164O 3411074A89999 62099999999918K0 38011645
30111  21222509 8950 8929100200228004841531375090O 6860  94  41041 960999999999172G 3431046399999 62399999999919I0 38011575
30121  21222509 8950 8929100200228004841531375090O 6850  94  410411050999999999161Y 3401042999999 61999999999918I0 38011653
30131  21222509 8950 8929100200228004841531375090O 6870  94  41041 880999999999164I 3481075A99999 61299999999918O0 38011794
30141  21222509 8950 8929100200228004841531375090O 6890  94  410411020999999999151Y 3521084129999 58399999999917A0 37012041
30151  21222509 8950 8929100200228004841531375090O 6960  94  41041 870999999999170Y 3561054599999 63399999999918J0 39011594
30161  21222509 8950 8929100200228004841531375090O 6950  94  41041 900999999999163S 3541042399999 63499999999918S0 39011674
30171  21222509 8950 8929100200228004841531375090O 6940  94  41041 960999999999175J 3611047999999 65599999999919A0 40011592
30181  21222509 8950 8929100200228004841531375090O 6930  94  41041 950999999999175S 3521045799999 64199999999919A0 39011555
```

```
                                                                                                                    MINIMUM DATE IS 780109
ANALYSIS OF TONS                                                                                                          - NE  1027
PIPSI 212177 DISTRICT: 09 MINE: 10009 COI 08920 SEAM: 088913 M-O-SAMPLING: 8 T-O-SAMPLING: 8 RANK: 3 M-O-MINING: 1 PREP.: 1
      .0 |         2B
         |        17C
         |         9A
         |1.   31  2C
         |    12  2H
    110.8|         3F
         |  1 22  1G
         |   1 1114C
         |          E2
         |   3  111C1
    221.6|         1D2
         |0   11  2G                                  1                                                                1
         |5A8    223D
         |111    113E1
         |1 211 11 2 1
    332.8|   1 1  1B
         | 1        E1
         | 211 1 22F
         |  1 2 1 7C
         |
    443.3|
         |
         |  1    12C
         |  3 313 3E
         |  1   1  H2     1
    554.1|   1  1 1 3J
         |311 11115F
         |  11 1 121
         |   2 11 3G
         |    11 136
    664.9|         2H
         |         9L
         |         7E1
         |   12 1 1D
         |   13    C
    775.7|  12 11 2F2     1
         |         3I
         |     22 12J
         | 1 2212111L
         |    31  5H
    886.5|  1 2 1 2H
         |         1A
         | 1      12H
         |    2  13H
         |  22  8  H1
    997.3|  11  3  D1         1
         | 13   122G1         11.
         | 1 221 8K1
         |    33  2N
         |   1211  5
   1108.0 ----------------------------------------------------------------------------------------------------------------

    200.00    8670.00   17140.00   25610.00   38080.00   42550.00   51020.00   59490.00   67960.00   76430.00   84900.00   93370.00
SAMPLE STATISTICS: MEAN, SD, RSD ---  4384.5569 3315.1966      .5209
CHECK21 09  08920  10009      252   33900.     5.82  10789.     6.72    1043
```

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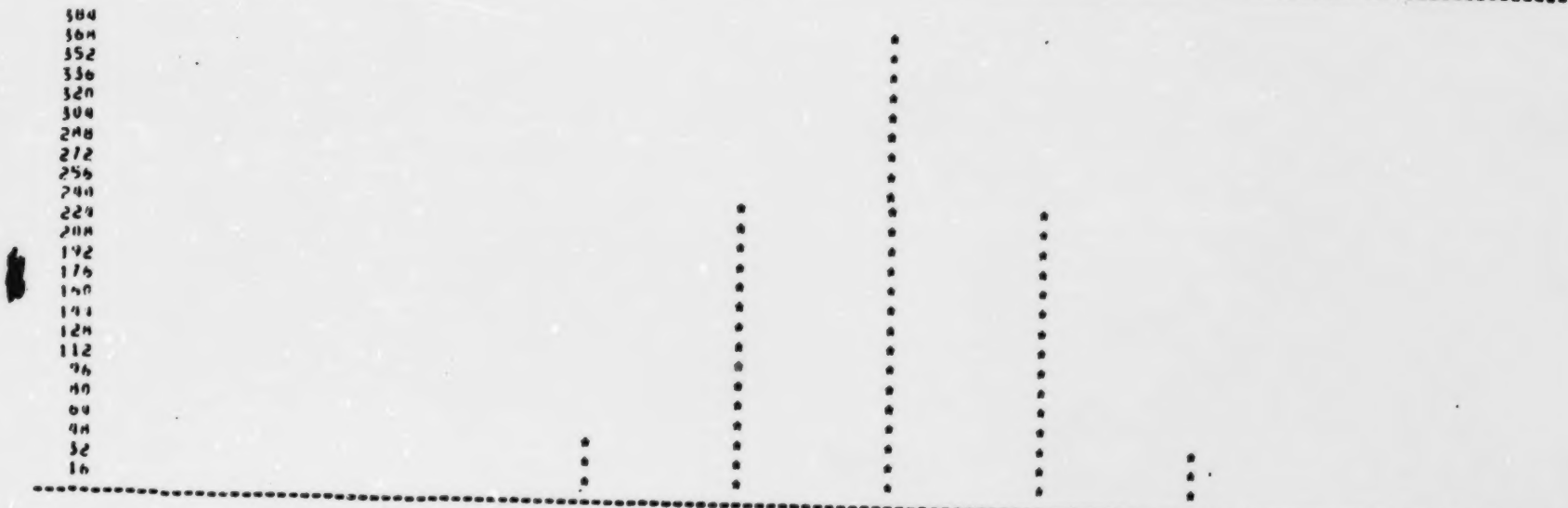
```
CHECK#21 09  08920  10009     252   92600.    3.67  11299.    6.17    1042

NORMAL DISTRIBUTION - OBSERVED

CELL #              1           2           3           4           5           6           7           8           9

FREQUENCY           0           0          34         120         868           2           8           1           2
FROM          .00       -5238.63    -1923.43     1391.76     4706.96     8022.16    11337.35    14652.55    17967.74
TO         -5238.63    -1923.43     1391.76     4706.96     8022.16    11337.35    14652.55    17967.74    *********

EACH * EQUALS 35 POINTS

 840
 805                                                                                                                  *
 770                                                                                                                  *
 735                                                                                                                  *
 700                                                                                                                  *
 665                                                                                                                  *
 630                                                                                                                  *
 595                                                                                                                  *
 560                                                                                                                  *
 525                                                                                                                  *
 490                                                                                                                  *
 455                                                                                                                  *
 420                                                                                                                  *
 385                                                                                                                  *
 350                                                                                                                  *
 315                                                                                                                  *
 280                                                                                                                  *
 245                                                                                                                  *
 210                                                                                                                  *
 175                                                                                                                  *
 140                                                                                                                  *
 105                                                                  *                                               *
  70                                                                  *                                               *
  35                                                                  *                                               *
```

NORMAL DISTRIBUTION - EXPECTED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	6	62	248	393	248	62	6	0
FROM	.00	-5238.63	-1923.83	1391.76	4706.96	8022.16	11337.35	14652.55	17967.74
TO	-5238.63	-1923.83	1391.76	4706.96	8022.16	11337.35	14652.55	17967.74	**********

EACH * EQUALS 16 POINTS



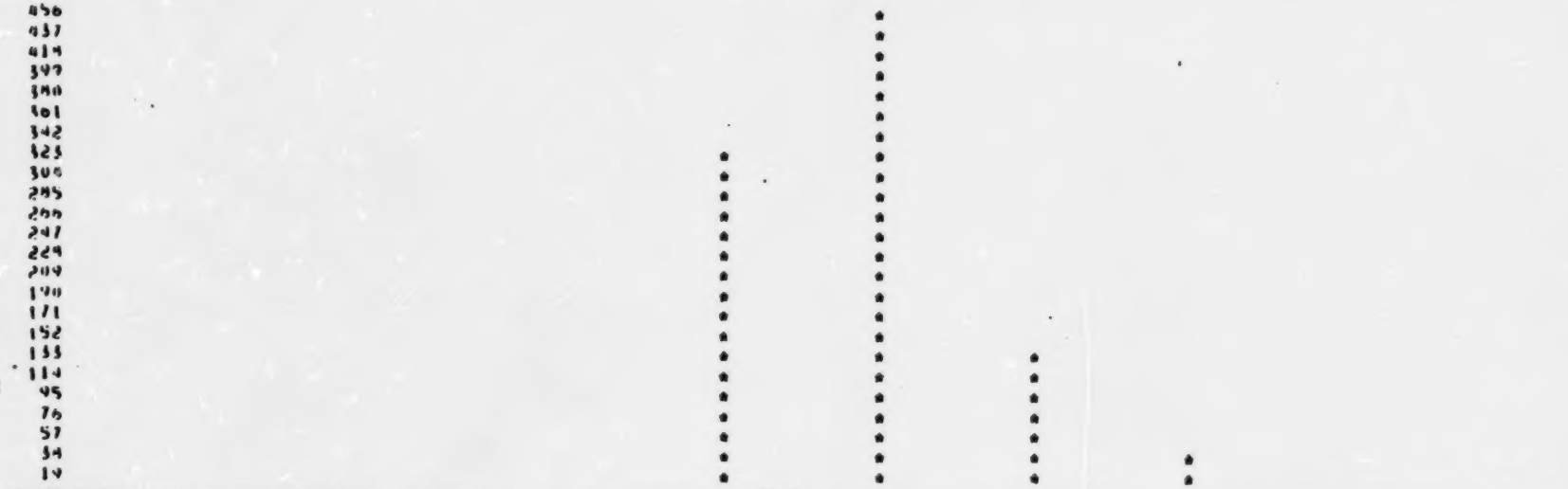
CELL	OBSERVED	EXPECTED	DIFFERENCE
1	0	.2	.2
2	0	6.1	5.8
3	34	62.2	27.7
4	120	248.3	127.8
5	468	393.3	470.2
6	2	248.3	245.8
7	0	62.2	57.7
8	1	6.1	4.6
9	2	.2	1.3

CHI SQUARED'S ARE 952.931 945.903 937.219 FOR 6,4,2 DEGREES OF FREEDOM

INVENTED GAMMA DISTRIBUTION - EXPECTED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	0	0	341	870	188	83	14	5
FROM	.00	-5238.43	-1923.83	1391.76	4706.96	8022.16	11337.35	14652.55	17967.74
TO	-5238.43	-1923.83	1391.76	4706.96	8022.16	11337.35	14652.55	17967.74	*********

EACH * EQUALS 10 POINTS



CELL	OBSERVED	EXPECTED	DIFFERENCE
1	0	.0	.0
2	0	.0	.0
3	38	.0	33.5
4	120	341.3	220.8
5	868	870.8	393.1
6	2	187.9	185.8
7	4	83.3	58.8
8	1	14.3	12.8
9	2	5.8	2.9

CHI SQUARES ARE 181891.699 181890.185 181878.668 FOR 6,8,2 DEGREES OF FREEDOM
SAMPLE STATISTICS: MEAN, SD, MSD --- 8.8827 .5288 .8886

LOG NORMAL DISTRIBUTION - OBSERVED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	22	14	41	65	859	19	3	1	1
FROM	.00	6.83	7.35	7.88	8.40	8.93	9.45	9.97	10.50
TO	6.83	7.35	7.88	8.40	8.93	9.45	9.97	10.50	*********

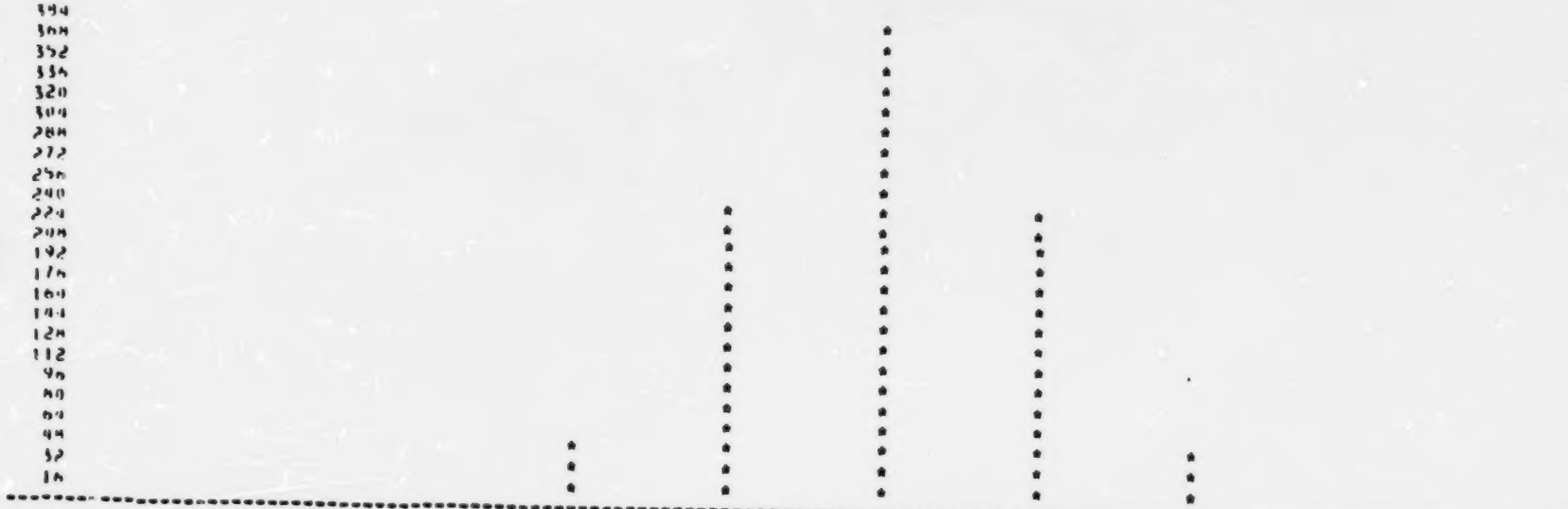
EACH * EQUALS 35 POINTS

```
800
805
770
735
700
665
630
595
560
525
490
455
420
385
350
315
280
245
210
175
140
105
 70
 35
```

LOG NORMAL DISTRIBUTION - EXPECTED

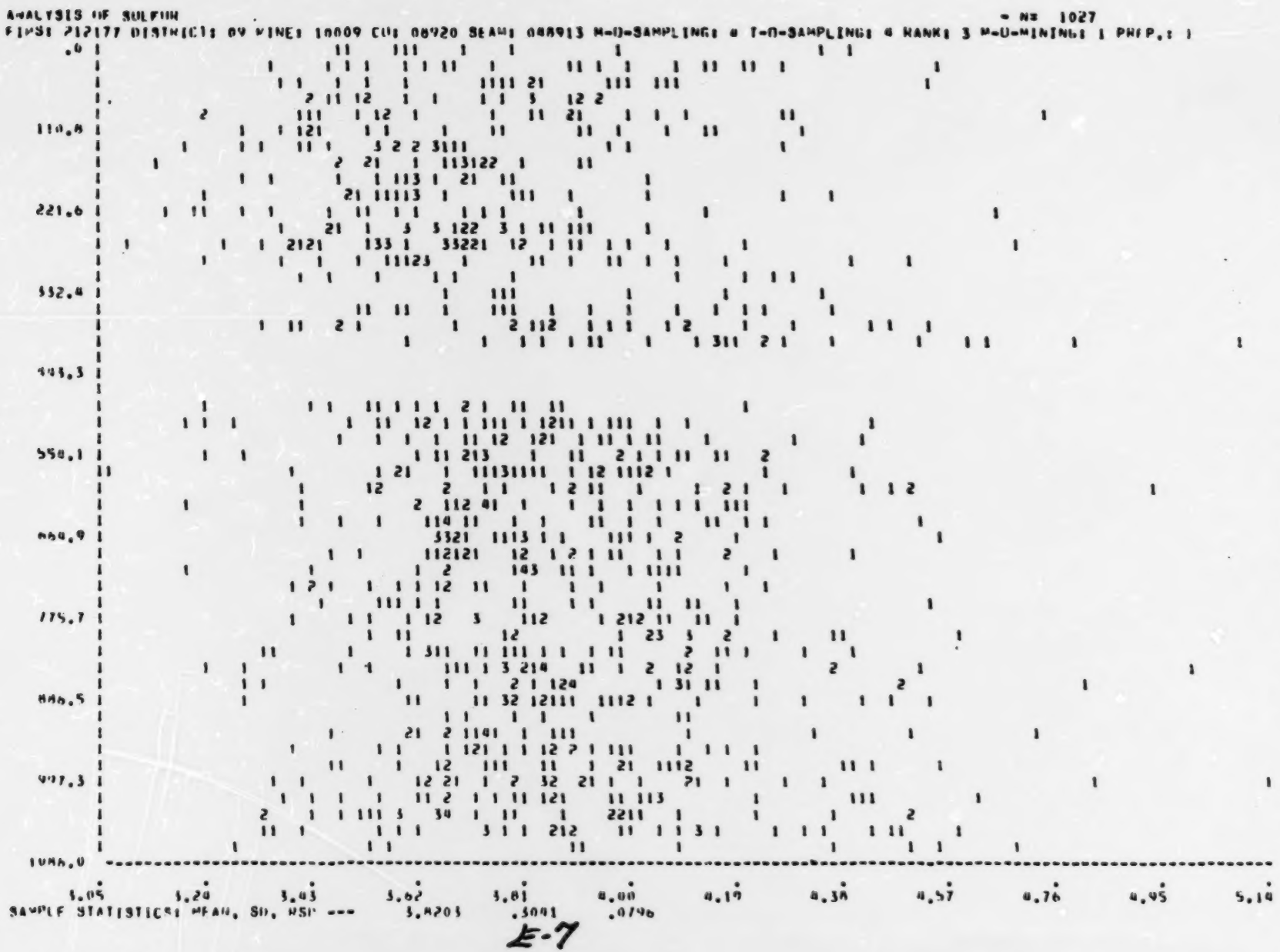
CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	6	62	208	393	208	62	6	0
FROM	.00	6.83	7.35	7.88	8.40	8.93	9.45	9.97	10.50
TO	6.83	7.35	7.88	8.40	8.93	9.45	9.97	10.50	*********

EACH * EQUALS 16 POINTS



CELL	OBSERVED	EXPECTED	DIFFERENCE
1	22	.2	21.3
2	16	6.1	9.4
3	41	62.2	20.7
4	65	208.3	182.8
5	459	393.3	465.2
6	19	208.3	228.8
7	3	62.2	58.7
8	1	6.1	4.6
9	1	.2	.3

CHI SQUARED ARE 2867.878 975.827 958.045 FOR 6,4,2 DEGREES OF FREEDOM



APPENDIX E:
SAMPLE OUTPUT OF ANALYTICAL PROGRAM

NORMAL DISTRIBUTION - OBSERVED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	1	47	291	402	207	68	11	4
FROM	.00	2.74	3.06	3.36	3.67	3.97	4.28	4.58	4.88
TO	2.74	3.06	3.36	3.67	3.97	4.28	4.58	4.88	*********

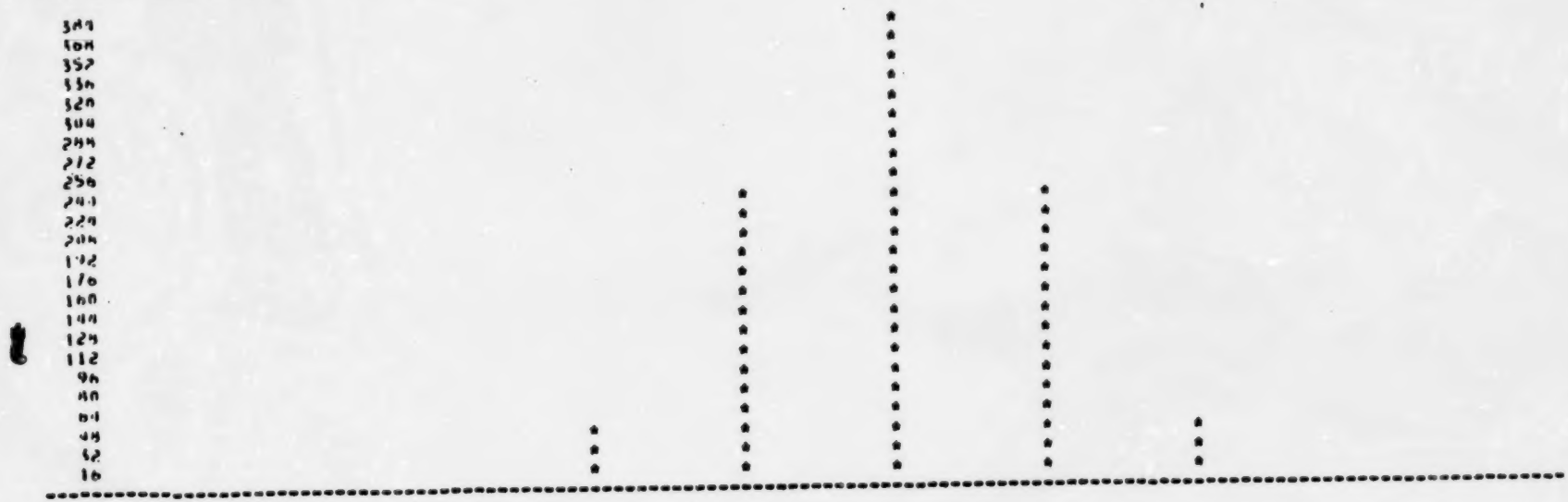
EACH * EQUALS 17 POINTS

```
391
374
357
340
323
306
289
272
255
238
221
204
187
170
153
136
119
102
 85
 68
 51
 34
 17
```

NORMAL DISTRIBUTION - EXPECTED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	6	62	248	393	248	62	6	0
FROM	.00	2.76	3.06	3.36	3.67	3.97	4.28	4.58	4.88
TO	2.76	3.06	3.36	3.67	3.97	4.28	4.58	4.88	**********

EACH * EQUALS 16 POINTS



CELL	UNSERVED	EXPECTED	DIFFERENCE
1	0	.2	.2
2	1	6.1	4.6
3	47	62.2	14.7
4	291	248.3	42.2
5	402	393.3	8.2
6	207	248.3	40.8
7	64	62.2	1.3
8	11	6.1	4.4
9	6	.2	5.3

CHI SQUARES ARE 69.670 24.170 17.566 FOR 6,4,2 DEGREES OF FREEDOM

INVERTED GAMMA DISTRIBUTION - EXPECTED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	2	56	272	395	226	68	10	1
FROM	.00	2.76	3.06	3.36	3.67	3.97	4.28	4.58	4.88
TO	2.76	3.06	3.36	3.67	3.97	4.28	4.58	4.88	*********

EACH * EQUALS 16 POINTS

```
380                                                *
368                                                *
352                                                *
336                                                *
320                                                *
304                                                *
288                                                *
272                                    *           *
256                                    *           *
240                                    *           *
224                                    *           *     *
208                                    *           *     *
192                                    *           *     *
176                                    *           *     *
160                                    *           *     *
144                                    *           *     *
128                                    *           *     *
112                                    *           *     *
 96                                    *           *     *
 80                                    *           *     *
 64                                    *           *     *     *
 48                                    *           *     *     *
 32                                    *           *     *     *
 16                          *         *           *     *     *
```

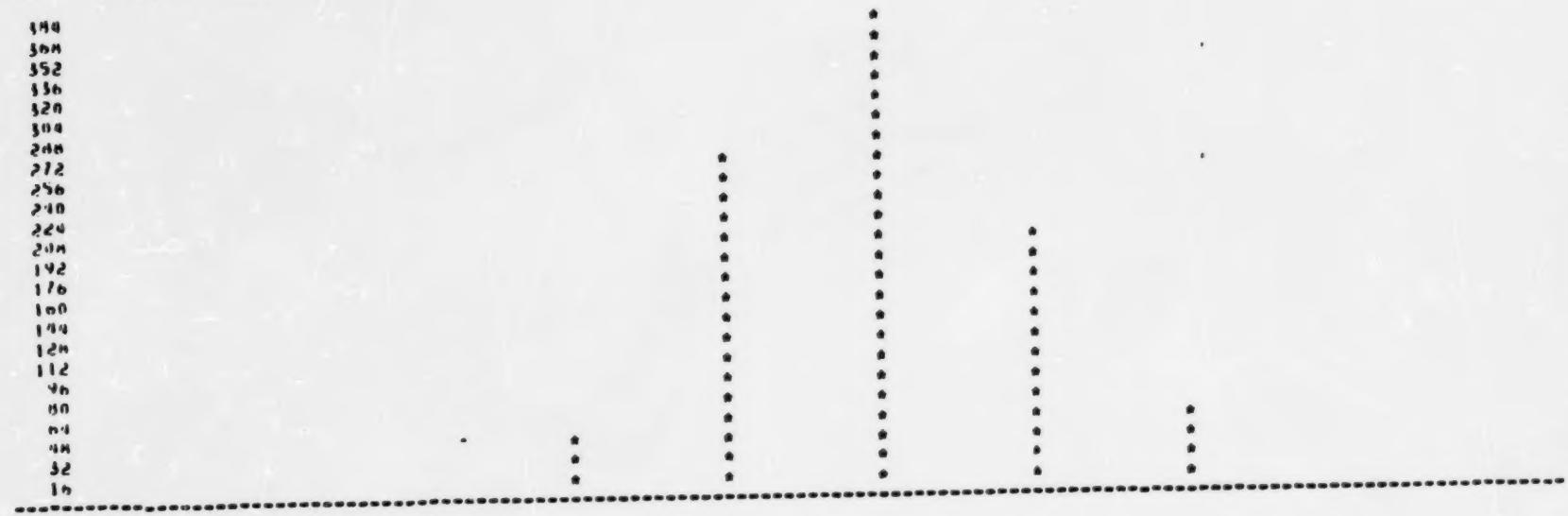
CELL	UNOBSERVED	EXPECTED	DIFFERENCE
1	0	.0	.0
2	1	2.2	.7
3	47	55.6	8.1
4	291	272.5	18.0
5	402	394.9	6.6
6	207	226.5	18.8
7	64	63.8	-.2
8	11	10.5	.0
9	4	1.1	2.4

CHI SQUARED'S ARE 9.109 4.278 8.053 FOR 6,4,2 DEGREES OF FREEDOM
SAMPLE STATISTICS: MEAN, SD, MAD --- 1.3372 .0783 .0586

LOG NORMAL DISTRIBUTION - OBSERVED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	7	53	284	389	222	65	10	2
FROM	.00	1.06	1.14	1.22	1.30	1.38	1.45	1.53	1.61
TO	1.06	1.14	1.22	1.30	1.38	1.45	1.53	1.61	*********

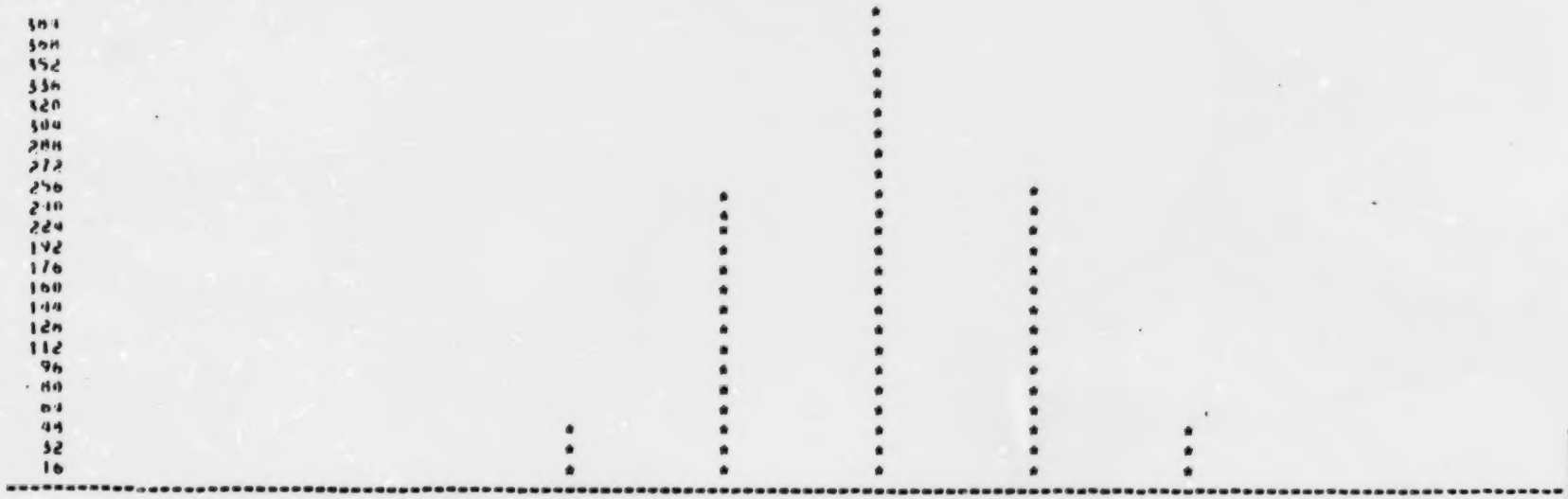
EACH * EQUALS 16 POINTS



LOG NORMAL DISTRIBUTION - EXPECTED

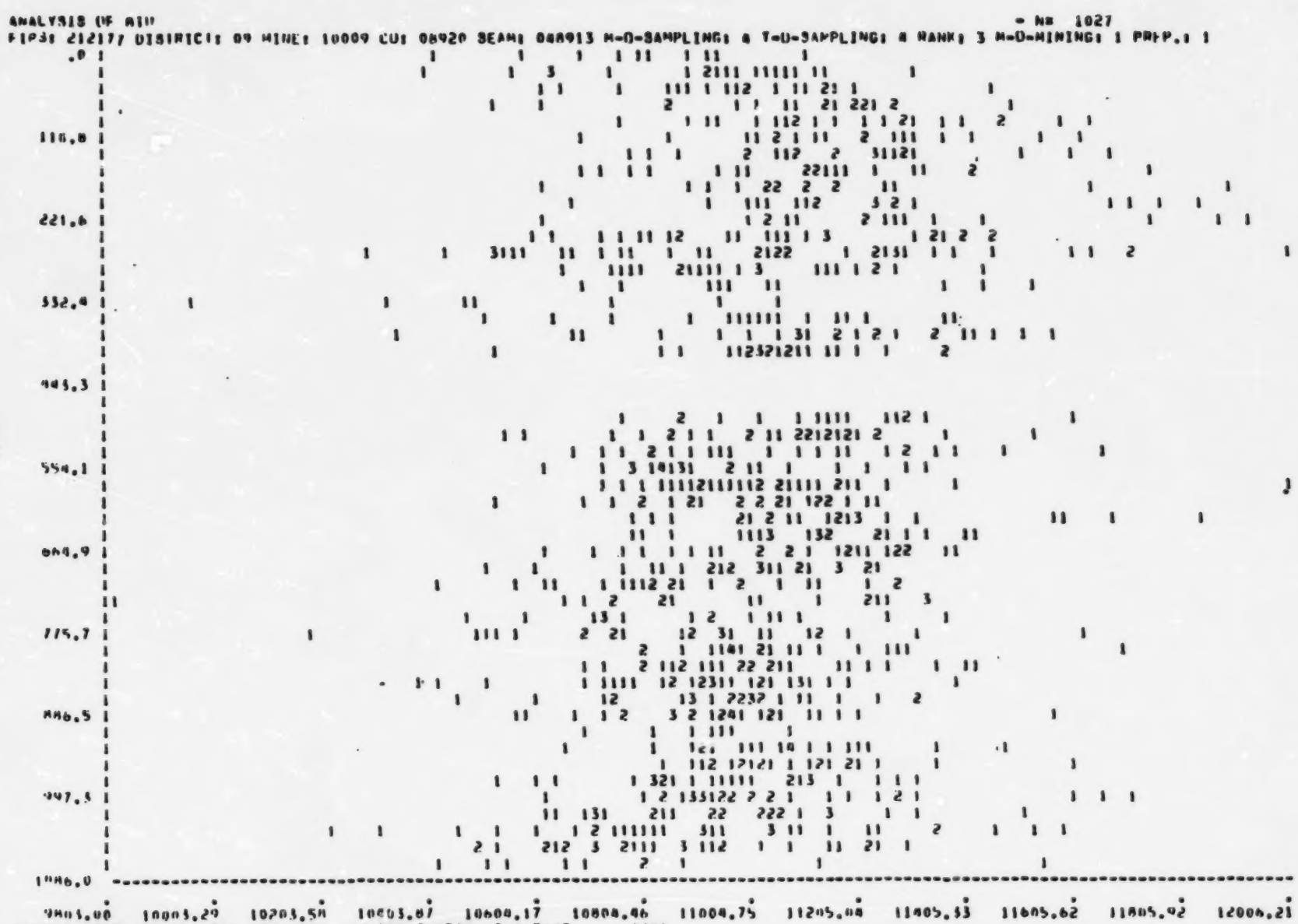
CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	4	62	248	393	248	62	6	0
FROM	.00	1.06	1.14	1.22	1.30	1.38	1.45	1.53	1.61
TO	1.06	1.14	1.22	1.30	1.38	1.45	1.53	1.61	*********

EACH * EQUALS 16 POINTS



CELL	UNSMOVED	EXPECTED	DIFFERENCE
1	0	.2	.2
2	2	5.1	3.6
3	53	62.2	8.7
4	284	248.3	35.2
5	389	393.3	3.8
6	222	248.3	25.8
7	65	62.2	2.3
8	10	6.1	3.4
9	2	.2	1.3

CHI SQUARES ARE 20.047 13.017 9.020 FOR 6,4,2 DEGREES OF FREEDOM

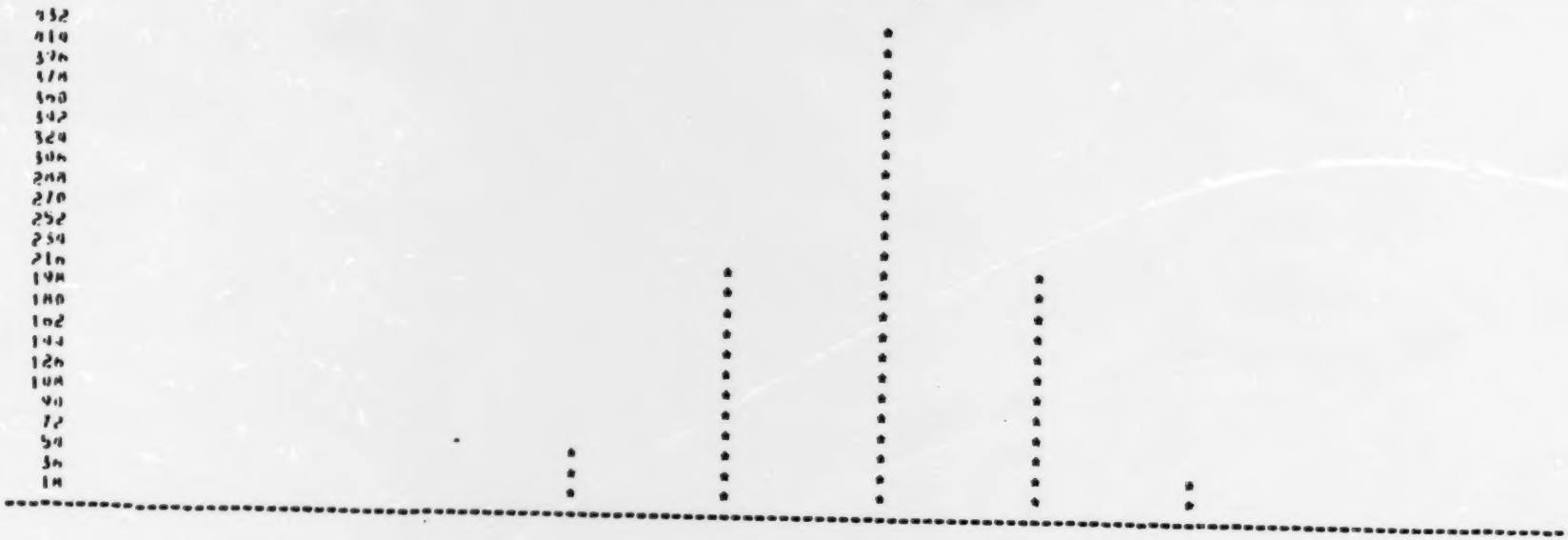


APPENDIX E:
SAMPLE OUTPUT OF ANALYTICAL PROGRAM.

NORMAL DISTRIBUTION - OBSERVED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	2	6	59	231	436	233	85	13	2
FROM	.00	10080.83	10345.58	10610.33	10875.08	11139.83	11404.58	11669.33	11934.07
TO	10080.83	10345.58	10610.33	10875.08	11139.83	11404.58	11669.33	11934.07	**********

EACH * EQUALS 16 POINTS



NORMAL DISTRIBUTION - EXPECTED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	6	62	248	393	248	62	6	0
FROM:	.00	10080.83	10345.58	10610.33	10875.08	11139.83	11404.58	11669.33	11934.07
TO:	10080.83	10345.58	10610.33	10875.08	11139.83	11404.58	11669.33	11934.07	*********

EACH * EQUALS 16 POINTS

```
348
304
260
336
320
304
288
272
256
240                 *                   *
224                 *                   *
208                 *                   *
192                 *                   *
176                 *                   *
160                 *                   *
144                 *                   *
128                 *                   *
112                 *                   *
 96                 *                   *
 80                 *                   *
 64                 *                   *
 48            *    *    *         *    *    *
 32            *    *    *         *    *    *
 16            *    *    *         *    *    *
```

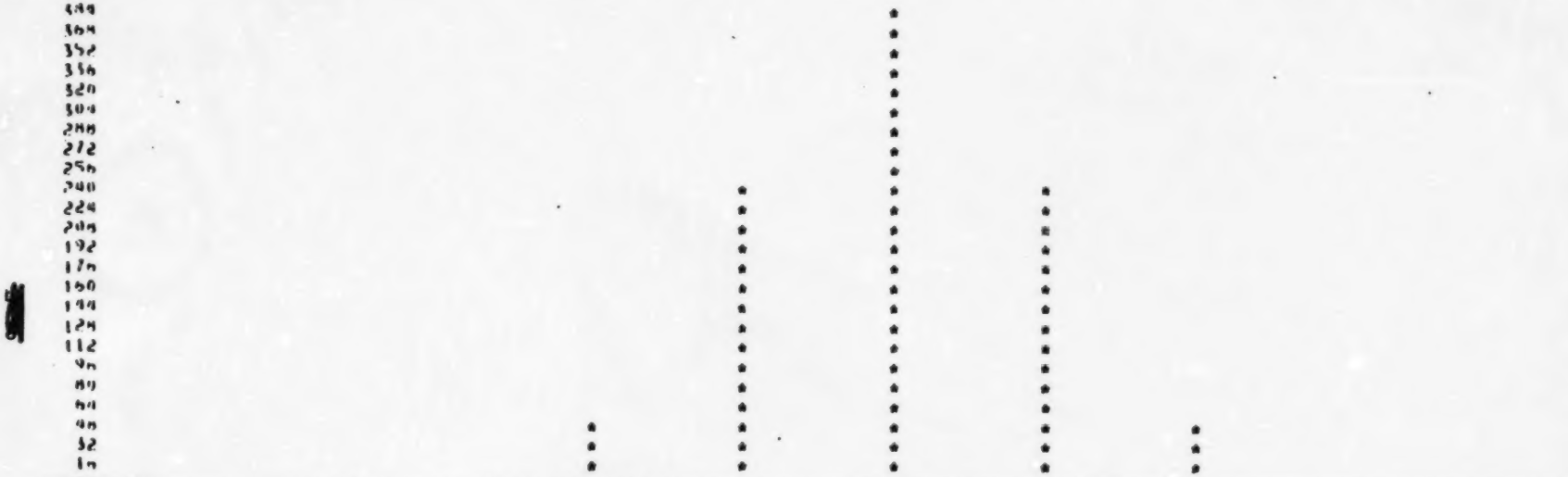
CELL	OBSERVED	EXPECTED	DIFFERENCE
1	2	.2	1.3
2	4	6.1	.1
3	59	62.2	2.7
4	231	248.3	16.8
5	434	393.3	42.2
6	233	248.3	14.8
7	45	62.2	16.7
8	13	6.1	6.9
9	2	.2	1.3

CHI SQUARED'S ARE 51.206 17.760 11.144 FOR 6,8,2 DEGREES OF FREEDOM

INVERTED GAMMA DISTRIBUTION - EXPECTED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	5	61	255	393	241	63	7	0
FROM	.00	10080.83	10345.58	10610.33	10875.08	11139.83	11404.58	11669.33	11934.07
TO	10080.83	10345.58	10610.33	10875.08	11139.83	11404.58	11669.33	11934.07	*********

EACH * EQUALS 16 POINTS



CELL	UNSERVED	EXPECTED	DIFFERENCE
1	2	.1	1.9
2	6	8.8	.7
3	59	60.8	1.3
4	231	255.9	23.9
5	436	393.9	42.1
6	233	241.3	7.8
7	45	63.1	17.6
8	13	7.5	5.0
9	2	.9	1.1

CHI SQUAREDS ARE 35.179 15.381 11.984 FOR 6,4,2 DEGREES OF FREEDOM
SAMPLE STATISTICS: MEAN, SD, RSD --- 9.3060 .0280 .0030

LOG NORMAL DISTRIBUTION - OBSERVED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	2	2	39	222	508	213	38	7	0
FROM	.00	9.21	9.24	9.26	9.29	9.32	9.35	9.38	9.40
TO	9.21	9.24	9.26	9.29	9.32	9.35	9.38	9.40	**********

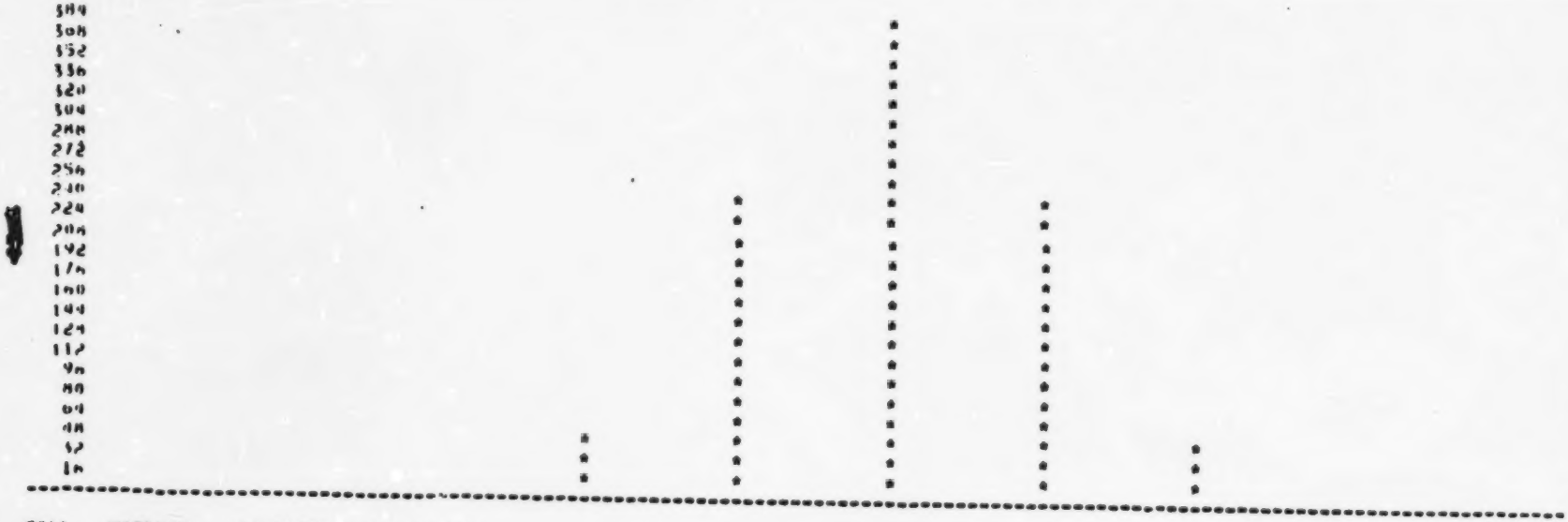
EACH * EQUALS 21 POINTS

```
509 *
485 *
462 *
441 *
420 *
399 *
378 *
357 *
336 *
315 *
294 *
273 *
252 *
231 *
210 *       *       *
189 *       *       *
168 *       *       *
147 *       *       *
126 *       *       *
105 *       *       *
 84 *       *       *
 63 *       *       *
 42 *       *       *
 21 *   .   *   .   *   .   .
```

LOG NORMAL DISTRIBUTION - EXPECTED

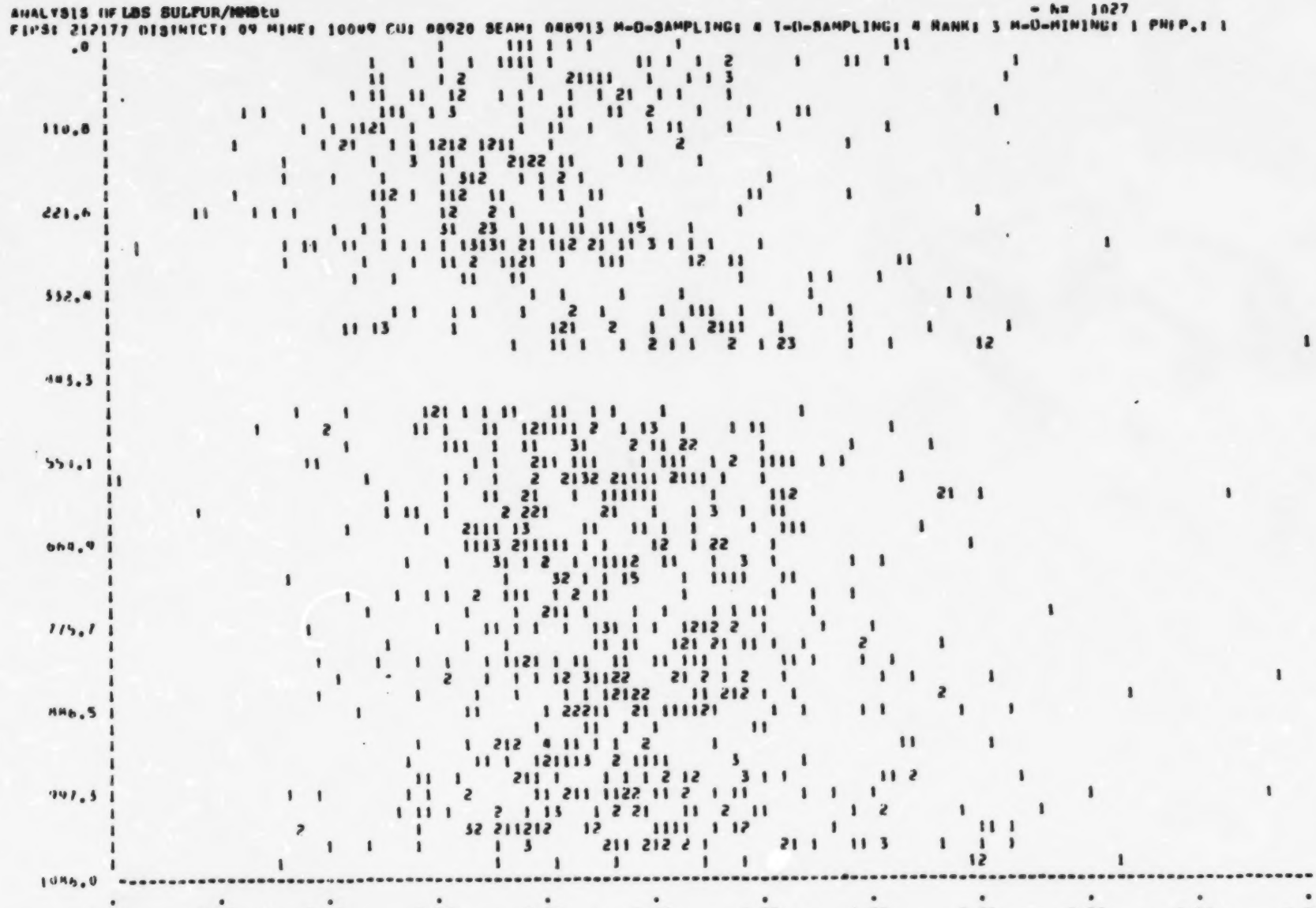
CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	6	42	248	393	248	62	6	0
FROM	.00	9.21	9.24	9.26	9.29	9.32	9.35	9.38	9.40
TO	9.21	9.24	9.26	9.29	9.32	9.35	9.38	9.40	*********

EACH * EQUALS 16 POINTS



CELL	OBSERVED	EXPECTED	DIFFERENCE
1	2	.2	1.3
2	2	6.1	3.4
3	39	62.2	22.7
4	222	248.3	25.8
5	500	393.3	110.2
6	213	248.3	34.8
7	34	62.2	23.7
8	7	6.1	.8
9	0	.2	.2

CHI SQUARES ARE 60.845 57.972 55.790 FOR 6,4,2 DEGREES OF FREEDOM



APPENDIX E:
SAMPLE OUTPUT OF ANALYTICAL PROGRAM

NORMAL DISTRIBUTION - OBSERVED

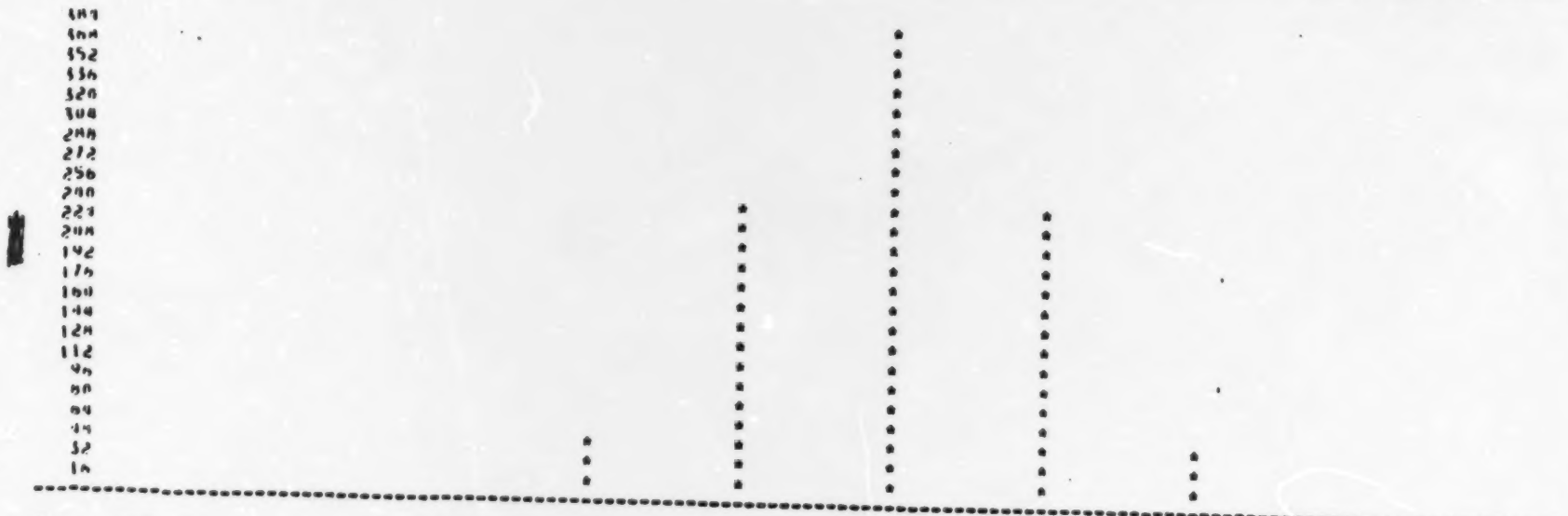
CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	3	89	264	628	205	70	8	4
FROM:	.00	4.50	5.10	5.70	6.30	6.90	7.50	8.09	8.69
TO:	4.50	5.10	5.70	6.30	6.90	7.50	8.09	8.69	*********

EACH * EQUALS 17 POINTS

NORMAL DISTRIBUTION - EXPECTED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	6	62	248	393	288	62	6	0
POINTS	.00	4.50	5.10	5.70	6.30	6.90	7.50	8.09	8.69
TO	4.50	5.10	5.70	6.30	6.90	7.50	8.09	8.69	*********

EACH * EQUALS 16 POINTS



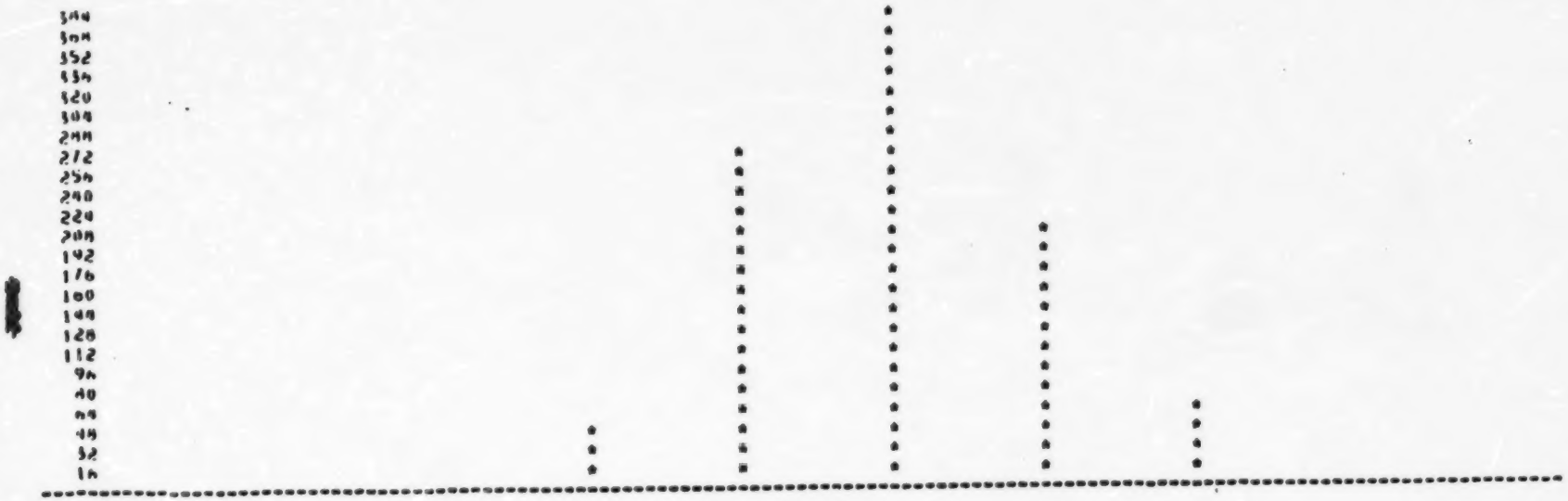
CELL	UNOBSERVED	EXPECTED	DIFFERENCE
1	0	.2	.2
2	3	6.1	2.6
3	49	62.2	12.7
4	268	248.5	15.2
5	424	393.3	30.2
6	285	288.3	02.8
7	70	62.2	7.3
8	8	6.1	1.4
9	0	.2	3.3

CHI SQUARE IS AN 61.015 15.514 18.078 FOR 6.8.2 DEGREES OF FREEDOM

INVENTED GAMMA DISTRIBUTION - EXPECTED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	2	55	276	394	223	64	11	1
FROM	.00	4.50	5.10	5.70	6.30	6.90	7.50	8.09	8.69
TO	4.50	5.10	5.70	6.30	6.90	7.50	8.09	8.69	**********

EACH * EQUALS 16 POINTS



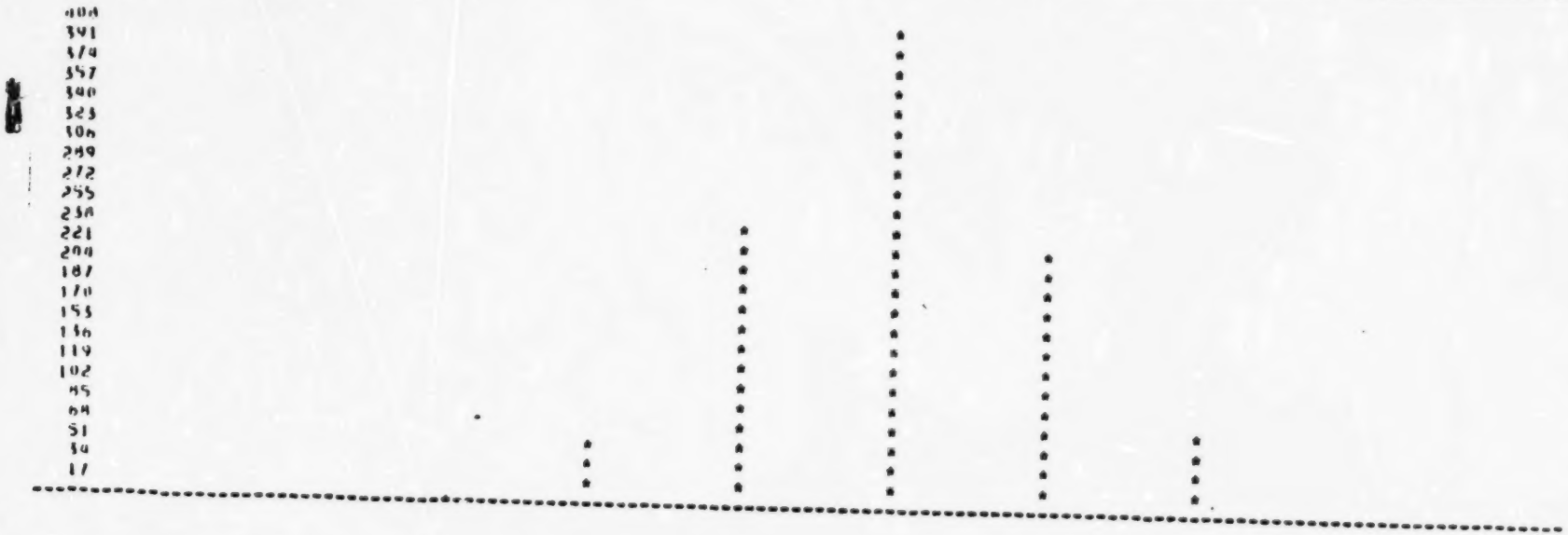
CELL	OBSERVED	EXPECTED	DIFFERENCE
1	0	.0	.0
2	3	1.8	.7
3	49	54.7	5.2
4	264	276.0	11.5
5	428	394.5	29.0
6	205	223.3	17.8
7	70	64.0	5.5
8	8	11.2	2.7
9	4	1.8	2.1

CHI SQUARE'S ARE 9.239 5.866 8.998 FOR 6.8.2 DEGREES OF FREEDOM
SAMPLE STATISTICS: MEAN, SD, RSD --- 1.8827 .0897 .0477

LOG NORMAL DISTRIBUTION - OBSERVED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	6	56	248	414	226	69	6	2
FROM	.00	1.57	1.66	1.75	1.84	1.93	2.02	2.11	2.20
TO	1.57	1.66	1.75	1.84	1.93	2.02	2.11	2.20	**********

EACH * EQUALS 17 POINTS



LOG NORMAL DISTRIBUTION - EXPECTED

CELL #	1	2	3	4	5	6	7	8	9
FREQUENCY	0	6	62	248	393	248	62	6	0
FROM	.00	1.57	1.66	1.75	1.84	1.93	2.02	2.11	2.20
TO	1.57	1.66	1.75	1.84	1.93	2.02	2.11	2.20	*********

EACH * EQUALS 16 POINTS

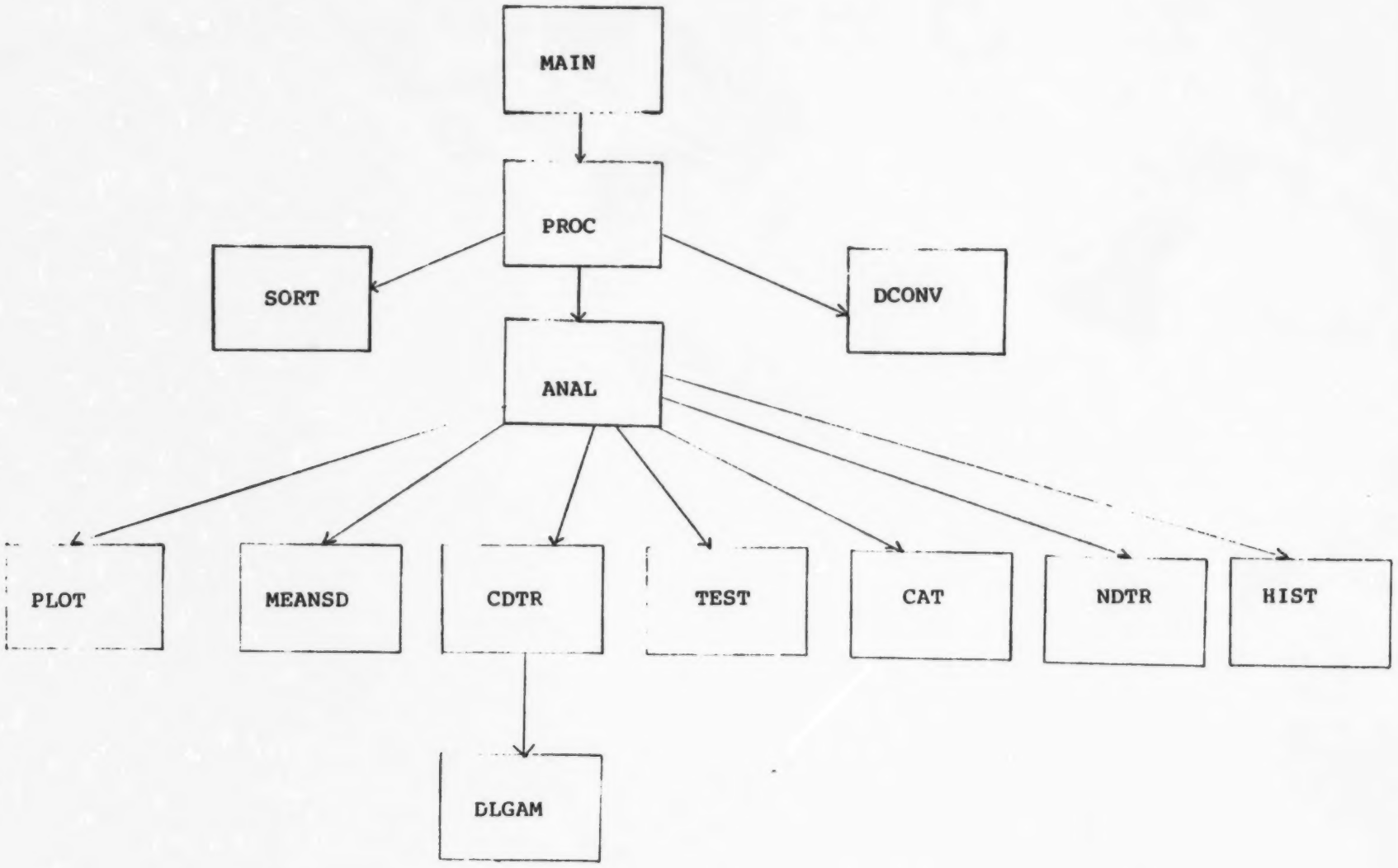
```
368
304
352
336
320
304
288
272
256
240
224
208
192
176
160
144
128
112
 96
 80
 64
 48
 32
 16
```

CELL	OBSERVED	EXPECTED	DIFFERENCE
1	0	.2	.2
2	6	6.1	.1
3	56	62.2	5.7
4	248	248.3	.3
5	413	393.3	20.2
6	226	248.3	21.8
7	69	62.2	6.3
8	6	6.1	.1
9	2	.2	1.3

CHI SQUARE'S AVE 11.198 0.114 0.107 FOR 6.0.2 DEGREES OF FREEDOM

SOURCE: FOSTER ASSOCIATES, INC.

INTERCONNECTIONS BETWEEN MAIN PROGRAM AND VARIOUS SUBROUTINES/FUNCTION



APPENDIX G

INDEX TO MINE LOCATIONS AND SEAMS PRODUCED

Mine Code (1)	Blend Of Mines (2)	State (3)	County (4)	SEAM (S) PRODUCED Reference Code (5)	Name (6)	Composite Of Seams (7)
10001		KY E	Knott	010401	Hazard No. 7	
10002		KY E	McCreary	015109	Jellico	
10003		KY E	Clay Laurel	100001	Hazard No. 4 Horse Creek Lily	013520 021202 021203
10004		IL	Peoria	090002	No. 6	
10005		MT	Rosebud	080800	Rosebud	
10006		WY	Campbell	095100	Smith & Roland	
10007		WY	Campbell	100003	Wyodak	-
10008	10006 10007	WY WY	Campbell Campbell	100002	Smith & Roland Wyodak	095100 -
10009		KY W	Muhlenburg	048913	No. 9*	
10010		KS	Crawford	049202	Bevier	
10011		MO	Howard	049202	Bevier	
10012		MO	Audrain	049008	Mulky	
10013		MO	Howard	049202	Bevier	
10014		MO	Randolph	049202	Bevier	
10015		MO	Randolph	098700	Bevier and Wheeler	
10016		KY E	Pike	100004	Dorothy Thacker	012105 015119
10017		MD	Allegany	100032	Pittsburgh Sewickley	003608 002902
10018		KY W	Webster	012704	No. 9	
10019		KY W	Hopkins	012704	No. 9	
10020		KY W	Union	048415	No. 11*	
10021		KY W	Union	012704	No. 9	
10022		KY E	Martin	100005	Stockton No. 5 Block Clarion	010301 008402 008701
10023		WV	Logan	015104	Cedar Grove	
10024		IL	Perry	090002	No. 5 and 6	
10025		KY E	Perry	100006	Hazard No. 5 Hazard No. 5A Hazard No. 7 Hazard No. 9	012103 011108 010401 009601
10026		KY E	Rockcastle	015108	Elkhorn No. 3	
10027		KY E	Clay	021202	Horse Creek	
10028		KY E	Breathitt	011108	Hazard No. 5A	
10029		WV	Monongalia	003604	Pittsburgh	
10030		OH	Harrison	007402	Lower Freeport	
10031		WV	Grant	007102	Upper Freeport	
10032		TN	Marion Sequatchie	028601	Sewanee	

APPENDIX G

Mine Code (1)	Blend Of Mines (2)	State (3)	County (4)	SEAM(S) PRODUCED Reference Code (5)	Name (6)	Composite Of Seams (7)
10033		KY E	Johnson	008402	No. 5 Block	
10034		KY E	Elliot, Lawrence, Martin	016200	Mudslip	
10035		IL	Christian	048408	No. 6	
10036		IL	Perry	090002	No. 5 and 6	
10037		MT	Bighorn	069802	Dietz No. 1	
10038		WY	Carbon	036555	No. 25	
10039		WY	Carbon	081700	Hanna No. 2	
10040		WY	Sheridan	078300	Monarch	
10041		WY	Sweetwater	100007	Deadman Bed	
10042		IL	Macoupin	048408	No. 6	
10043		IL	Fulton	048905	No. 5	
10044		ND	Mercer	056100	Scranton	
10045		IL	St. Clair	048408	No. 6	
10046		IL	Randolph	048408	No. 6	
10047		WV	Grant	100008	Bakerston	006305
					Upper Freeport	007102
10048		KY E	Bell	100009	Hignite	012601
					Red Spring	010406
					+ 9 others	-
10049		KY W	Ohio	090000	No. 9* and 11*	
10050		KY E	Whitley	015703	Blue Gem	
10051		KY E	Knox	015703	Blue Gem	
10052		KY W	Muhlenburg	100010	No. 11	048415
					No. 12	048306
					No. 9	048913
10053		PA	Armstrong	095203	Lower & Upper Freeport	
10054		PA	Indiana	007102	Upper Freeport	
10055		PA	Indiana	007102	Upper Freeport	
10056		KY W	Unknown	048913	No. 9*	
10057		CO	Routt	009900	Fish Creek	
10058		IL	Douglas	048408	No. 6	
10059		ND	Mercer	056901	Beulah-Zap	
10060		ND	Bowman	056400	Harmon	
10061		WY	Campbell	092600	Wyodak-Anderson	
10062		IA	Monroe	051700	Lucas County No. 5	
10063		MO	Randolph	049202	Bevier	
10064		MO	Macon	049202	Bevier	
10065		IA	Lucas	051700	Lucas County No. 5	
10066		MO	Putnam	048414	Lexington	
10067		IA	Mahaska	053004	Lower Ford	
10068		IA	Mahaska		Unknown	
10069		IA	Mahaska		Unknown	
10070		IA	Marion		Unknown	

APPENDIX G

Mine Code (1)	Blend Of Mines (2)	State (3)	County (4)	SEAM(S) PRODUCED Reference Code (5)	Name (6)	Composite Of Seams (7)
10071		AZ	Navajo	100011	Green	050100
					Red	050200
					Blue	050300
10072		KY E	Perry	100012	Hazard No. 5A	011108
					Hazard No. 7	010401
					and others	-
10073		KY E	Floyd	100013	Elkhorn No. 1	015704
					Elkhorn No. 2	015402
					Fire Clay	013504
					Van Lear	015126
10074	10072 10073	KY E	Perry Floyd	100014	Hazard No. 5A	011108
					Hazard No. 7	010401
					Elkhorn No. 1	015704
					Elkhorn No. 2	015402
					Fire Clay	013504
					Van Lear	015126
					and others	-
10075		KY W	Henderson	048913	No. 9*	
10076		WY	Campbell	095100	Smith & Roland	
10077		WY	Carbon	100017	No. 80	039900
					No. 82	040100
10078		CO	Weld	076800	Laramie No. 3	
10079		CO	Jackson	004900	Sudduth	
10080		PA	Clearfield	100015	Lower Kittanning	008419
					Middle Kittanning	008002
					Upper Kittanning	007603
					Lower Freeport	007402
					Upper Freeport	007102
10081		PA	Clearfield	100015	Lower Kittanning	008419
					Middle Kittanning	008002
					Upper Kittanning	007603
					Lower Freeport	007402
					Upper Freeport	007102
10082		PA	Armstrong	100016	Lower Kittanning	008419
					Middle Kittanning	008002
					Upper Kittanning	007603
10083		WV	Marion	003604	Pittsburgh	
10084		WV	Marion	003604	Pittsburgh	
10085		PA	Clearfield	100016	Lower Kittanning	008419
					Middle Kittanning	008002
					Upper Kittanning	007603
10086		PA	Fayette	100016	Lower Freeport	007402
					Upper Freeport	007102
					Waynesburg	002302
10087		KY E.	Martin	016811	Pond Creek	
10088		CO	Routt	075000	Wadge	
10089		CO	Moffat	076900	Collom	
10090		CO	Moffat	075701	F	

APPENDIX G

Mine Code (1)	Blend Of Mines (2)	State (3)	County (4)	SEAM(S) PRODUCED: Reference Code (5)	Name (6)	Composite Of Seams (7)
10091		CO	Las Animas	074502	Robinson	
10092		IL	Perry	048408	No. 6	
10093		IL	Perry	090002	No. 5 and 6	
10094		IL	Jackson	048408	No. 6	
10095		IL	Macoupin	048408	No. 6	
10096		KY W.	Ohio	050609	No. 6*	
10097		IL	Perry	090002	No. 5 and 6	
10098		NM	McKinley	047800	Green	
10099		WY	Carbon	039800	No. 65	
10100		IN	Pike	100018	V	048911
					Lower Millersburg	048304
10101		IL	Franklin	048408	No. 6	
10102		IL	Franklin	048408	No. 6	
10103		IL	Jefferson	048408	No. 6	
10104		IL	Jefferson	048408	No. 6	
10105		IL	St. Clair	048408	No. 6	
10106		CO	Moffat	100021	Yampa Field	-
10107		UT	Carbon	100022	Hiawatha	084601
					Wattis	023600
10108		VA	Buchanan	100023	Glamorgam	018505
					Splash Dam	021002
					Blair	017701
					Hagy	019502
10109		IL	Randolph	048408	No. 6	
10110		KY E	Unknown	100024	Unknown	
10111		KY E	Perry	100025	Unknown	
10112		KY E	Harlan	100026	Unknown	
10113		OH	Muskingum		Unknown	
10114		OH	Muskingum	003607	No. 8	
10115		OH	Coshocton	008013	No. 6	
10116		OH	Coshocton	008013	No. 6	
10117		OH	Coshocton	008013	No. 6	
10118		OH	Guernsey		Unknown	
			Belmont			
10119		OH	Perry	008002	Middle Kittanning	
10120		OH	Coshocton	002302	Waynesburg	
10121		OH	Tuscarawas	100027	Lower Kittanning	008404
					Middle Kittanning	008010
10122		OH	Tuscarawas	008404	Lower Kittanning	
10123		OH	Coshocton	008424	No. 5	
10124		OH	Coshocton	008424	No. 5	
10125		OH	Tuscarawas	008404	Lower Kittanning	
10126		OH	Coshocton		Unknown	
10127		OH	Jackson	100028	Brookville	009501
			Vinton		No. 4A	008705
					No. 5	008424
					No. 6	008013
10128		OH	Tuscarawas	100029	No. 7	007117
					No. 7A	007007

APPENDIX G

Mine Code (1)	Blend Of Mines (2)	State (3)	County (4)	SEAM(S) PRODUCED Reference Code (5)	Name (6)	Composite Of Seams (7)
10129		OH	Harrison Belmont		Unknown	
10130		OH	Jefferson	003604	Pittsburgh	
10131		OH	Coshocton		Unknown	
10132		OH	Unknown		Unknown	
10133		OH	Muskingum	008002	Middle Kittanning	
10134		OH	Tuscarawas	008002	Middle Kittanning	
10135		OH	Unknown		Unknown	
10136		OH	Unknown		Unknown	
10137		OH	Coshocton	008013	No. 6	
10138		OH	Perry		Unknown	
10139		OH	Unknown		Unknown	
10140		OH	Unknown		Unknown	
10141		OH	Unknown		Unknown	
10142		OH	Vinton	008701	Clarion	
10143		OH	Vinton		Unknown	
10144		OH	Hocking	007406	No. 6A	
10145		OH	Vinton		Unknown	
10146		OH	Hocking	008013	No. 6	
10147		OH	Perry	008013	No. 6	
10148		OH	Vinton	088501	Clarion & L. Kittanning	
10149		OH	Hocking		Unknown	
10150		OH	Hocking Vinton	088701	Brookville & M. Kittanning	
10151		OH	Unknown		Unknown	
10152		OH	Unknown		Unknown	
10153		OH	Unknown		Unknown	
10154		OH	Unknown		Unknown	
10155		OH	Unknown		Unknown	
10156		OH	Unknown		Unknown	
10157		OH	Unknown		Unknown	
10158		OH	Guernsey Belmont	085801	Meigs Creek & Waynesburg	
10159		OH	Muskingum		Unknown	
10160		OH	Perry		Unknown	
10161		OH	Coshocton		Unknown	
10162		OH	Perry		Unknown	
10163		OH	Tuscarawas		Unknown	
10164		OH	Morgan		Unknown	
10165		OH	Jackson		Unknown	
10166		OH	Unknown		Unknown	
10167		OH	Vinton		Unknown	
10168		OH	Unknown		Unknown	
10169		OH	Unknown		Unknown	
10170		OH	Unknown		Unknown	
10171		OH	Muskingum	008002	Middle Kittanning	
10172		OH	Unknown		Unknown	

Mine Code (1)	Blend Of Mines (2)	State (3)	County (4)	SEAM(S) PRODUCED Reference Code (5)	Name (6)	Composite Of Seams (7)
10173		OH	Perry		Unknown	
10174		OH	Coshocton	092801	L. & M. Kittanning	
10175	10169	OH	Unknown	100031	Unknown	
	10138	OH	Perry		Unknown	
	10139	OH	Unknown		Unknown	
	10113	OH	Muskingum		Unknown	
	10114	OH	Muskingum		No. 8	003607
	10118	OH	Guernsey Belmont		Unknown	
	10157	OH	Unknown		Unknown	
	10130	OH	Jefferson		Pittsburgh	003604
	10161	OH	Coshocton		Unknown	
	10119	OH	Perry		Middle Kittanning	008002
	10131	OH	Coshocton		Unknown	
	10132	OH	Unknown		Unknown	
	10120	OH	Coshocton		Waynesburg	002302
	10122	OH	Tuscarawas		Lower Kittanning	008404
	10140	OH	Unknown		Unknown	
	10170	OH	Unknown		Unknown	
	10133	OH	Muskingum		Middle Kittanning	008002
	10123	OH	Coshocton		No. 5	008424
	10124	OH	Coshocton		No. 5	008424
	10135	OH	Unknown		Unknown	
	10159	OH	Muskingum		Unknown	
	10158	OH	Guernsey Belmont		Meigs Creek & Waynesburg	085801
	10125	OH	Tuscarawas		Lower Kittanning	008404
	10141	OH	Unknown		Unknown	
	10160	OH	Perry		Unknown	
	10134	OH	Tuscarawas		Middle Kittanning	008002
	10126	OH	Coshocton		Unknown	
	10168	OH	Unknown		Unknown	
	10127	OH	Jackson Vinton		Brookville No. 4A No. 5 No. 6	009501 008705 008424 008013
	10128	OH	Tuscarawas		No. 7 No. 7A	007117 007007
	10162	OH	Perry		Unknown	
	10116	OH	Coshocton		No. 6	008013
	10117	OH	Coshocton		No. 6	008013
	10115	OH	Coshocton		No. 8	003607
	10137	OH	Coshocton		No. 6	
	10163	OH	Tuscarawas		Unknown	
	10129	OH	Harrison Belmont		Unknown	
	10136	OH	Unknown		Unknown	
	10164	OH	Morgan		Unknown	

APPENDIX G

Mine Code (1)	Blend Of Mines (2)	State (3)	County (4)	SEAM(S) PRODUCED Reference Code (5)	Name (6)	Composite Of Seams (7)
10176	10113	OH	Muskingum	100031	Unknown	
	10142	OH	Vinton		Clarion	008701
	10157	OH	Unknown		Unknown	
	10143	OH	Vinton		Unknown	
	10144	OH	Hocking		No. 6A	007406
	10119	OH	Perry		Middle Kittanning	008002
	10156	OH	Unknown		Unknown	
	10145	OH	Vinton		Unknown	
	10159	OH	Muskingum		Unknown	
	10155	OH	Unknown		Unknown	
	10152	OH	Unknown		Unknown	
	10160	OH	Perry		Unknown	
	10171	OH	Muskingum		Middle Kittanning	008002
	10146	OH	Hocking		No. 6	008013
	10151	OH	Unknown		Unknown	
	10127	OH	Jackson		Brookville	009501
			Vinton		No. 4A	008705
					No. 5	008424
					No. 6	008013
	10154	OH	Unknown		Unknown	
	10148	OH	Vinton		Clarion & L. Kittanning	088501
	10153	OH	Unknown		Unknown	
10177	10157	OH	Unknown	100031	Unknown	
	10142	OH	Vinton		Clarion	008701
	10143	OH	Vinton		Unknown	
	10144	OH	Hocking		No. 6A	007406
	10174	OH	Coshocton		L. & M. Kittanning	092801
	10165	OH	Jackson		Unknown	
	10119	OH	Perry		Middle Kittanning	008002
	10173	OH	Perry		Unknown	
	10149	OH	Hocking		Unknown	
	10145	OH	Vinton		Unknown	
	10167	OH	Vinton		Unknown	
	10172	OH	Unknown		Unknown	
	10160	OH	Perry		Unknown	
	10146	OH	Hocking		No. 6	008013
	10150	OH	Hocking		Brookville & M. Kittanning	088701
			Vinton			
	10147	OH	Perry		No. 6	008013
	10166	OH	Unknown		Unknown	
	10148	OH	Vinton		Clarion & L. Kittanning	088501

Mine Code (1)	Blend of Mines (2)	State (3)	County (4)	Seams(s) Produced: Reference Code (5)	Name (6)	Composite of Seams (7)
10178		MT	Big Horn	100033	Rosebud & McKay	093100
					Robinson	051700
10179		ND	Oliver	100034	Hagel	
					Top	
10180		--	Unknown		Unknown	
10181		--	Unknown		Unknown	
10182		KY E	Unknown		Unknown	
10183		KY W	Muhlenburg	100010	No. 11*	048415
					No. 12	048306
					No. 9	048913
10184		IN	Warrick	048305	No. VI	
10185		IN	Clay	050202	No. III	
10186		KY W	Muhlenburg	100035	No. 11*	048415
					No. 12	048306
					No. 13	048209
10187		IN	Sullivan	100036	No. V	048905
					No. VI	048305
					No. VII	048006
10188		IL	Wabash	048905	No. 5	
10189		IN	Warrick	048905	No. V	
10190		IL	Fulton	049608	No. 2	
10191		KY E	Knott	011108	Hazard No. 5-A	
10192		OH	Belmont	085902	No. 9 & No. 11	
10193		WV	Kanawha	008402	No. 5 Block	
10194		MT	Wibaux		Unknown	
10195		MT	Richland		Unknown	
10196		MT	Richland	034500	Pust	
10197		MT	Powder River		Unknown	
10198		MT	Custer		Unknown	
10199		MT	Custer		Unknown	
10200		MT	Custer		Unknown	
10201		MT	Rosebud		Unknown	
10202		MT	Rosebud	093100	Rosebud & McKay	
10203		MT	Big Horn	093100	Rosebud & McKay	
10204		PA	Somerset		Unknown	
10205		PA	Jefferson		Unknown	
10206		WV	Barbour		Unknown	
10207		PA	Clearfield		Unknown	
10208		PA	Cambria		Unknown	
			Indiana			
10209		PA	Somerset		Unknown	
10210		MD	Garrett		Unknown	
10211		PA	Somerset		Unknown	
10212		PA	Armstrong		Unknown	

TABLE OF CONTENTS

	Page	
Introduction	1	1/A8
Data Base	2	1/A9
Computer Program	2	1/A9
Program Constraints	4	1/A11
ECL Samples	4	1/A11
System Flow	5	1/A12
Accessory Appendices	6	1/A13

List of Appendices

Appendix A:	Coal Sulfur Analyses Data Base Format	A-1	1/B1
Appendix B:	FORTRAN V Computer Program	B-1	1/B3
Appendix C:	Input/Output Flow Diagram	C-1	1/C9
Appendix D:	Sample of Coal Analyses Data File	D-1	1/C10
Appendix E:	Sample Output of Analytical Program	E-1	1/C12
Appendix F:	Interconnections Between Main Program and Various Subroutines/Function	F-1	1/G5
Appendix G:	Index to Mine Locations and Seams Produced	G-1	1/G7
Appendix H:	List of FIPS Codes For States and Counties	H-1	2/A6
Appendix I:	List of U.S. Bureau of Mines Town Codes and Names	I-1	2/C4
Appendix J:	List of U.S. Bureau of Mines Bed Codes and Names	J-1	3/G1

Mine Code (1)	Blend of Mines (2)	State (3)	County (4)	Seams(s) Produced		
				Reference Code (5)	Name (6)	Composite of Seams (7)
10213		PA	Clarion		Unknown	
10214		PA	Clarion		Unknown	
10215		PA	Clearfield		Unknown	
10216		PA	Somerset		Unknown	
10217		PA	Cambria		Unknown	
10218		PA	Clearfield		Unknown	
10219		PA	Centre		Unknown	
10220		WV	Mineral		Unknown	
10221		PA	Clearfield		Unknown	
10222		PA	Somerset		Unknown	
10223		PA	Somerset		Unknown	
10224		PA	Somerset		Unknown	
10225		PA	Jefferson		Unknown	
10226		PA	Clearfield		Unknown	
10227		PA	Indiana		Unknown	
10228		WV	Boone		Unknown	
10229		PA	Somerset		Unknown	
10230		WV	Mineral		Unknown	
10231		PA	Indiana		Unknown	
10232		--	Unknown		Unknown	
10233		--	Unknown		Unknown	
10234		--	Unknown		Unknown	
10235		PA	Clearfield		Unknown	
10236		PA	Jefferson		Unknown	
10237		PA	Armstrong		Unknown	
10238		PA	Somerset		Unknown	
10239		MD	Allegheny		Unknown	
10240		PA	Clearfield		Unknown	
10241		PA	Jefferson		Unknown	
10242		PA	Clearfield		Unknown	
10243		WV	Harrison		Unknown	
10244		PA	Indiana		Unknown	
10245		--	Unknown		Unknown	
10246		PA	Somerset		Unknown	
10247		--	Unknown		Unknown	
10248		PA	Clarion		Unknown	
10249		PA	Centre		Unknown	
10250		PA	Somerset		Unknown	
10251		PA	Elk		Unknown	
10252		PA	Somerset		Unknown	
10253		PA	Clearfield		Unknown	
10254		PA	Clearfield		Unknown	

Mine Code (1)	Blend of Mines (2)	State (3)	County (4)	Seams(s) Produced: Reference Code (5)	Name (6)	Composite of Seams (7)
10255		PA	Clearfield		Unknown	
10256		PA	Jefferson		Unknown	
10257		PA	Somerset		Unknown	
10258		PA	Cambria		Unknown	
10259		PA	Clearfield		Unknown	
10260		PA	Westmoreland		Unknown	
10261		WV	Randolph		Unknown	
10262		PA	Armstrong		Unknown	
			Indiana		Unknown	
10263		PA	Armstrong		Unknown	
			Indiana		Unknown	
10264		PA	Clearfield		Unknown	
10265		PA	Indiana		Unknown	
10266		PA	Somerset		Unknown	
10267		PA	Armstrong		Unknown	
10268		PA	Armstrong		Unknown	
10269		PA	Armstrong		Unknown	
10270		PA	Armstrong		Unknown	
10271		PA	Clearfield		Unknown	
10272		PA	Fayette		Unknown	
10273		PA	Somerset		Unknown	
10274		WV	Barbour		Unknown	
10275		PA	Somerset		Unknown	
10276		PA	Cambria		Unknown	
10277		--	Unknown		Unknown	
10278		PA	Armstrong		Unknown	
			Indiana		Unknown	
10279		PA	Cambria		Unknown	
10280		PA	Clearfield		Unknown	
10281		PA	Clearfield		Unknown	
10282		PA	Somerset		Unknown	
10283		PA	Jefferson		Unknown	
10284		PA	Jefferson		Unknown	
10285		PA	Jefferson		Unknown	
10286		WV	Preston		Unknown	
10287		PA	Somerset		Unknown	
10288		PA	Clearfield		Unknown	
10289		PA	Clearfield		Unknown	
10290		PA	Clearfield		Unknown	
10291		PA	Clearfield		Unknown	
10292		--	Unknown		Unknown	
10293		PA	Armstrong		Unknown	
10294		PA	Armstrong		Unknown	
10295		PA	Armstrong		Unknown	
10296		PA	Clearfield		Unknown	
10297		PA	Clearfield		Unknown	
10298		PA	Somerset		Unknown	

Mine Code (1)	Blend Of Mines (2)	State (3)	County (4)	Seams(s) Produced: Reference Code (5)	Seams(s) Produced: Name (6)	Seams(s) Produced: Composite of Seams (7)
10299		PA	Clearfield		Unknown	
10300		PA	Clarion		Unknown	
10301		PA	Clearfield		Unknown	
10302		WV	Harrison		Unknown	
10303		PA	Clearfield		Unknown	
10304		PA	Somerset		Unknown	
10305		WV	Preston		Unknown	
10306		PA	Cambria		Unknown	
10307		PA	Jefferson		Unknown	
--			Clearfield		Unknown	
10308		WV	Barbour		Unknown	
10309		--	Unknown		Unknown	
10310		PA	Clearfield		Unknown	
10311		PA	Jefferson		Unknown	
10312		PA	Jefferson		Unknown	
10313		PA	Clearfield		Unknown	
10314		PA	Somerset		Unknown	
10315		PA	Clearfield		Unknown	
10316		PA	Jefferson		Unknown	
10317		PA	Jefferson		Unknown	
10318		PA	Jefferson		Unknown	
10319		PA	Clearfield		Unknown	
10320		PA	Clearfield		Unknown	
10321		PA	Indiana		Unknown	
10322		WV	Monongalia		Unknown	
10323		PA	Clearfield		Unknown	
10324		PA	Clearfield		Unknown	
10325		PA	Indiana		Unknown	
10326		PA	Somerset		Unknown	
10327		PA	Clearfield		Unknown	
10328		PA	Indiana		Unknown	
10329		PA	Clearfield		Unknown	
10330		KY	Martin		Unknown	
10331		WV	Unknown		Unknown	

Appendix H

LIST OF FIPS CODES FOR STATES AND COUNTIES

H

STATE CODES

ALABAMA	010
ALASKA	020
ARIZONA	040
ARKANSAS	050
CALIFORNIA	060
COLORADO	080
CONNECTICUT	090
DELAWARE	100
DISTRICT OF COLUMBIA	110
FLORIDA	120
GEORGIA	130
HAWAII	150
IDAHO	160
ILLINOIS	170
INDIANA	180
IOWA	190
KANSAS	200
KENTUCKY EAST	211
KENTUCKY WEST	212
LOUISIANA	220
MAINE	230
MARYLAND	240
MASSACHUSETTS	250
MICHIGAN	260
MINNESOTA	270
MISSISSIPPI	280
MISSOURI	290
MONTANA	300
NEBRASKA	310
NEVADA	320
NEW HAMPSHIRE	330
NEW JERSEY	340
NEW MEXICO	350
NEW YORK	360
NORTH CAROLINA	370
NORTH DAKOTA	380
OHIO	390
OKLAHOMA	400
OREGON	410
PENNSYLVANIA ANTH	421
PENNSYLVANIA BIT	422
PUERTO RICO	430
RHODE ISLAND	440
SOUTH CAROLINA	450
SOUTH DAKOTA	460
TENNESSEE	470
TEXAS	480
UTAH	490
VERMONT	500
VIRGINIA	510
VIRGIN ISLAND	520
WASHINGTON	530
WEST VIRGINIA	540
WISCONSIN	550
WYOMING	560

STATE NAME: ALABAMA

STATE ABBREVIATION: AL

STATE CODE: 01

CODE	COUNTY NAME
001	AUTAUGA
003	BALDWIN
005	BARBOUR
007	BIBB
009	BLOUNT
011	BULLOCK
013	BUTLER
015	CALHOUN
017	CHAMBERS
019	CHEROKEE
021	CHILTON
023	CHOCTAW
025	CLARKE
027	CLAY
029	CLEBURNE
031	COFFEE
033	COLBERT
035	CONECUH
037	COOSA
039	COVINGTON
041	CRENSHAW
043	CULLMAN
045	DALE
047	DALLAS
049	DE KALB
051	ELMORE
053	ESCAMBIA
055	ETOWAH
057	FAYETTE
059	FRANKLIN
061	GENEVA
063	GREENE
065	HALE
067	HENRY
069	HOUSTON
071	JACKSON
073	JEFFERSON
075	LAMAR
077	LAUDERDALE
079	LAWRENCE
081	LEE
083	LIMESTONE
085	LOWNDES
087	MACON
089	MADISON
091	MARENGO
093	MARION
095	MARSHALL
097	MOBILE
099	MONROE
101	MONTGOMERY
103	MORGAN
105	PERRY
107	PICKENS
109	PIKE
111	RANDOLPH
113	RUSSELL
115	ST CLAIR
117	SHELBY
119	SUMTER
121	TALLADEGA
123	TALLAPOOSA
125	TUSCALOOSA
127	WALKER
129	WASHINGTON
131	WILCOX
133	WINSTON

STATE NAME: ALASKA

The official political units of Alaska are called boroughs. There are 11 organized boroughs and an unorganized borough. Unfortunately, for statistical purposes, the organized boroughs cover only a very small percentage of the land area of the State and have the further disadvantage of excluding military and Indian reservations which lie within their boundaries. Consequently, the unorganized borough is too large to provide a basis for suitable statistical analysis. For these reasons the boroughs are not usable for most statistical purposes.

The Bureau of the Census, in conjunction with the State of Alaska, has established Census Divisions for Alaska which provide a more effective basis for statistical purposes. The Census Divisions are stable geographic statistical areas with defined boundaries that encompass the entire state and generally comprise the election districts. The State of Alaska has requested that these Census Divisions be utilized for statistical purposes.

Two sets of codes are therefore provided for the geopolitical subdivisions of Alaska, namely, the Census Divisions and the Boroughs. The Census Division codes all have a zero in the low order (last) position. Also listed next are codes for the boroughs. These can be used in those applications having definite requirements to identify these political units. It should be noted that the low order position of these codes are other than the character zero. Also, the State of Alaska defines the Unorganized Borough to be the remainder of the State other than the 11 organized boroughs. Accordingly, those systems using this definition of the Unorganized Borough would code the military and Indian reservations as 999.

STATE ABBREVIATION: AK

STATE CODE: 02

DIVISIONS

CODE	DIVISION NAME
010[1]	ALEUTIAN ISLANDS DIVISION
020[1]	ANCHORAGE DIVISION
030[1]	ANGOON DIVISION
*040[2]	BARROW-NORTH SLOPE DIVISION
050[1]	BETHEL DIVISION
060[1]	BRISTOL BAY BOROUGH DIVISION
070[1]	BRISTOL BAY DIVISION
080[1]	CORDOVA-MCCARTHY DIVISION
090[1]	FAIRBANKS DIVISION
100[1]	HAINES DIVISION
110[1]	JUNEAU DIVISION
120[1]	KENAI-COOK INLET DIVISION
130[1]	KETCHIKAN DIVISION
140[1]	KOBUK DIVISION
150[1]	KODIAK DIVISION
160[1]	KUSKOKWIM DIVISION
170[1]	MATANUSKA-SUSITNA DIVISION
180[1]	NOME DIVISION
190[1]	OUTER KETCHIKAN DIVISION
200[1]	PRINCE OF WALES DIVISION
210[1]	SEWARD DIVISION
220[1]	SITKA DIVISION
230[1]	SKAGWAY-YAKUTAT DIVISION
240[1]	SOUTHEAST FAIRBANKS DIVISION
250[1]	UPPER YUKON DIVISION
260[1]	VALDEZ-CHITINA-WHITTIER DIVISION
270[1]	WADE HAMPTON DIVISION
280[1]	WRANGELL-PETERSBURG DIVISION
290[1]	YUKON-KOYUKUK DIVISION

BOROUGHS

CODE	BOROUGH NAME
809[1]	BRISTOL BAY BOROUGH
818[1]	FAIRBANKS NORTH STAR BOROUGH
827[1]	GREATER ANCHORAGE AREA BOROUGH
836[1]	GREATER JUNEAU BOROUGH
845[1]	GREATER SITKA BOROUGH
854[1]	HAINES BOROUGH
863[1]	KENAI PENINSULA BOROUGH
872[1]	KETCHIKAN GATEWAY BOROUGH
881[1]	KODIAK ISLAND BOROUGH
899	NORTH SLOPE BOROUGH
999[1]	UNORGANIZED BOROUGH

040[2] BARROW-NORTH SLOPE DIVISION, Revised FIPS 6-2, September 15. Originally 040—BARROW DIVISION.

899 NORTH SLOPE BOROUGH added in Revised FIPS 6-2, 1973 September 15.

Codes for Census Divisions and Boroughs except (899) Revised FIPS 6-1, June 15, 1970. Original codes listed below.

ALEUTIAN ISLANDS DIVISION	001
ANGOON DIVISION	003
BARROW DIVISION	005
BETHEL DIVISION	007
BRISTOL BAY BOROUGH	009
BRISTOL BAY DIVISION	011
CORDOVA MCCARTHY DIVISION	013
GATEWAY BOROUGH	015
GREATER ANCHORAGE AREA BORO	017
GREATER JUNEAU BOROUGH	019
GREATER SITKA BOROUGH	021
KENAI PENINSULA BORO NW	023
KENAI PENINSULA BORO SE	025
KOBUK DIVISION	027
KODIAK ISLAND BOROUGH	029
KUSKOKWIM DIVISION	031
LYNN CANAL ICY STRAITS DIV	033
MATANUSKA SUSITNA BOROUGH	035
NOME DIVISION	037
NORTH STAR BOROUGH	039
OUTER KETCHIKAN DIVISION	041
PRINCE OF WALES DIVISION	043
SOUTHEAST FAIRBANKS DIV	045
UPPER YUKON DIVISION	047
VALDEZ CHITINA WHITTIER DIV	049
WADE HAMPTON DIVISION	051
WRANGELL PETERSBURG DIV	053
YUKON KOYUKUK DIVISION	055

STATE NAME: ARIZONA

STATE ABBREVIATION: AZ

STATE CODE: 04

CODE	COUNTY NAME
001	APACHE
003	COCHISE
005	COCONINO
007	GILA
009	GRAHAM
011	GREENLEE
013	MARICOPA
015	MOHAVE
017	NAVAJO
019	PIMA
021	PINAL
023	SANTA CRUZ
025	YAVAPAI
027	YUMA

STATE NAME: ARKANSAS

STATE ABBREVIATION: AR

STATE CODE: 05

CODE	COUNTY NAME
001	ARKANSAS
003	ASHLEY
005	BAXTER
007	BENTON
009	BOONE
011	BRADLEY
013	CALHOUN
015	CARROLL
017	CHICOT
019	CLARK
021	CLAY
023	CLEBURNE
025	CLEVELAND
027	COLUMBIA
029	CONWAY
031	CRAIGHEAD
033	CRAWFORD
035	CRITTENDEN
037	CROSS
039	DALLAS
041	DESHA
043	DREW
045	FAULKNER
047	FRANKLIN
049	FULTON
051	GARLAND
053	GRANT
055	GREENE
057	HEMPSTEAD
059	HOT SPRING
061	HOWARD
063	INDEPENDENCE
065	IZARD
067	JACKSON
069	JEFFERSON
071	JOHNSON
073	LAFAYETTE
075	LAWRENCE
077	LEE
079	LINCOLN
081	LITTLE RIVER
083	LOGAN
085	LONOKE
087	MADISON
089	MARION
091	MILLER
093	MISSISSIPPI
095	MONROE
097	MONTGOMERY
099	NEVADA
101	NEWTON
103	OUACHITA
105	PERRY
107	PHILLIPS
109	PIKE
111	POINSETT
113	POLK
115	POPE
117	PRAIRIE
119	PULASKI
121	RANDOLPH
123	ST FRANCIS
125	SALINE
127	SCOTT
129	SEARCY
131	SEBASTIAN
133	SEVIER
135	SHARP
137	STONE
139	UNION
141	VAN BUREN
143	WASHINGTON
145	WHITE
147	WOODRUFF
149	YELL

STATE NAME: CALIFORNIA

STATE ABBREVIATION: CA

STATE CODE: 06

CODE	COUNTY NAME
001	ALAMEDA
003	ALPINE
005	AMADOR
007	BUTTE
009	CALAVERAS
011	COLUSA
013	CONTRA COSTA
015	DEL NORTE
017	EL DORADO
019	FRESNO
021	GLENN
023	HUMBOLDT
025	IMPERIAL
027	INYO
029	KERN
031	KINGS
033	LAKE
035	LASSEN
037	LOS ANGELES
039	MADERA
041	MARIN
043	MARIPOSA
045	MENDOCINO
047	MERCED
049	MODOC
051	MONO
053	MONTEREY
055	NAPA
057	NEVADA
059	ORANGE
061	PLACER
063	PLUMAS
065	RIVERSIDE
067	SACRAMENTO
069	SAN BENITO
071	SAN BERNARDINO
073	SAN DIEGO
075	SAN FRANCISCO
077	SAN JOAQUIN
079	SAN LUIS OBISPO
081	SAN MATEO
083	SANTA BARBARA
085	SANTA CLARA
087	SANTA CRUZ
089	SHASTA
091	SIERRA
093	SISKIYOU
095	SOLANO
097	SONOMA
099	STANISLAUS
101	SUTTER
103	TEHAMA
105	TRINITY
107	TULARE
109	TUOLUMNE
111	VENTURA
113	YOLO
115	YUBA

STATE NAME: COLORADO

STATE ABBREVIATION: CO

STATE CODE: 08

CODE	COUNTY NAME
001	ADAMS
003	ALAMOSA
005	ARAPAHOE
007	ARCHULETA
009	BACA
011	BENT
013	BOULDER
015	CHAFFEE
017	CHEYENNE
019	CLEAR CREEK
021	CONEJOS
023	COSTILLA
025	CROWLEY
027	CUSTER
029	DELTA
031	DENVER
033	DOLORES
035	DOUGLAS
037	EAGLE
039	ELBERT
041	EL PASO
043	FREMONT
045	GARFIELD
047	GILPIN
049	GRAND
051	GUNNISON
053	HINSDALE
055	HUERFANO
057	JACKSON
059	JEFFERSON
061	KIOWA
063	KIT CARSON
065	LAKE
067	LA PLATA
069	LARIMER
071	LAS ANIMAS
073	LINCOLN
075	LOGAN
077	MESA
079	MINERAL
081	MOFFAT
083	MONTEZUMA
085	MONTROSE
087	MORGAN
089	OTERO
091	OURAY
093	PARK
095	PHILLIPS
097	PITKIN
099	PROWERS
101	PUEBLO
103	RIO BLANCO
105	RIO GRANDE
107	ROUTT
109	SAGUACHE
111	SAN JUAN
113	SAN MIGUEL
115	SEDGWICK
117	SUMMIT
119	TELLER
121	WASHINGTON
123	WELD
125	YUMA

STATE NAME: CONNECTICUT

STATE ABBREVIATION: CT

STATE CODE: 09

CODE	COUNTY NAME
001	FAIRFIELD
003	HARTFORD
005	LITCHFIELD
007	MIDDLESEX
009	NEW HAVEN
011	NEW LONDON
013	TOLLAND
015	WINDHAM

FIPS 6-2

DELAWARE—DISTRICT OF COLUMBIA—FLORIDA—GEORGIA

STATE NAME: DELAWARE

STATE ABBREVIATION: DE

STATE CODE: 10

CODE	COUNTY NAME
001	KENT
003	NEW CASTLE
005	SUSSEX

STATE NAME: DISTRICT OF COLUMBIA

STATE ABBREVIATION: DC

STATE CODE: 11

CODE	NAME
001[1]	WASHINGTON

001[1] Washington, Revised FIPS 6-1, June 15, 1970.

Washington, D.C. is unique in that it is not an independent city or county as in the other States. It is identified and coded in this standard to provide a basis for statistical applications in that the total of all the entities included cover the total land mass of the United States.

STATE NAME: FLORIDA

STATE ABBREVIATION: FL

STATE CODE: 12

CODE	COUNTY NAME
001	ALACHUA
003	BAKER
005	BAY
007	BRADFORD
009	BREVARD
011	BROWARD
013	CALHOUN
015	CHARLOTTE
017	CITRUS
019	CLAY
021	COLLIER
023	COLUMBIA
025	DADE
027	DE SOTO
029	DIXIE
031	DUVAL
033	ESCAMBIA
035	FLAGLER
037	FRANKLIN
039	GADSDEN
041	GILCHRIST
043	GLADES
045	GULF
047	HAMILTON
049	HARDEE
051	HENDRY
053	HERNANDO
055	HIGHLANDS
057	HILLSBOROUGH
059	HOLMES
061	INDIAN RIVER
063	JACKSON
065	JEFFERSON
067	LAFAYETTE
069	LAKE
071	LEE
073	LEON
075	LEVY
077	LIBERTY
079	MADISON
081	MANATEE
083	MARION
085	MARTIN
087	MONROE
089	NASSAU
091	OKALOOSA
093	OKEECHOBEE
095	ORANGE
097	OSCEOLA
099	PALM BEACH
101	PASCO
103	PINELLAS
105	POLK
107	PUTNAM
109	ST JOHNS
111	ST LUCIE
113	SANTA ROSA
115	SARASOTA
117	SEMINOLE
119	SUMTER
121	SUWANNEE
123	TAYLOR
125	UNION
127	VOLUSIA
129	WAKULLA
131	WALTON
133	WASHINGTON

STATE NAME: GEORGIA

STATE ABBREVIATION: GA

STATE CODE: 13

CODE	COUNTY NAME
001	APPLING
003	ATKINSON
005	BACON
007	BAKER
009	BALDWIN
011	BANKS
013	BARROW
015	BARTOW
017	BEN HILL
019	BERRIEN
021	BIBB
023	BLECKLEY
025	BRANTLEY
027	BROOKS
029	BRYAN
031	BULLOCH
033	BURKE
035	BUTTS
037	CALHOUN
039	CAMDEN
043	CANDLER
045	CARROLL
047	CATOOSA
049	CHARLTON
051	CHATHAM
053	CHATTAHOOCHEE
055	CHATTOOGA
057	CHEROKEE
059	CLARKE
061	CLAY
063	CLAYTON
065	CLINCH
067	COBB
069	COFFEE
071	COLQUITT
073	COLUMBIA
075	COOK
077	COWETA
079	CRAWFORD
081	CRISP
083	DADE
085	DAWSON
087	DECATUR
089	DE KALB
091	DODGE

093	DOOLY
095	DOUGHERTY
097	DOUGLAS
099	EARLY
101	ECHOLS
103	EFFINGHAM
105	ELBERT
107	EMANUEL
109	EVANS
111	FANNIN
113	FAYETTE
115	FLOYD
117	FORSYTH
119	FRANKLIN
121	FULTON
123	GILMER
125	GLASCOCK
127	GLYNN
129	GORDON
131	GRADY
133	GREENE
135	GWINNETT
137	HABERSHAM
139	HALL
141	HANCOCK
142	HARALSON
145	HARRIS
147	HART
149	HEARD
151	HENRY
153	HOUSTON
155	IRWIN
157	JACKSON
159	JASPER
161	JEFF DAVIS
163	JEFFERSON
165	JENKINS
167	JOHNSON
169	JONES
171	LAMAR
173	LANIER
175	LAURENS
177	LEE
179	LIBERTY
181	LINCOLN
183	LONG
185	LOWNDES
187	LUMPKIN
189	MCDUFFIE
191	MCINTOSH
193	MACON
195	MADISON
197	MARION
199	MERIWETHER
201	MILLER
205	MITCHELL
207	MONROE
209	MONTGOMERY
211	MORGAN
213	MURRAY
*215[1]	
217	NEWTON
219	OCONEE
221	OGLETHORPE
223	PAULDING
225	PEACH
227	PICKENS
229	PIERCE
231	PIKE
233	POLK
235	PULASKI
237	PUTNAM
239	QUITMAN
241	RABUN
243	RANDOLPH
245	RICHMOND
247	ROCKDALE
249	SCHLEY
251	SCREVEN
253	SEMINOLE
255	SPALDING
257	STEPHENS
259	STEWART
261	SUMTER
263	TALBOT
265	TALIAFERRO
267	TATTNALL
269	TAYLOR
271	TELFAIR
273	TERRELL
275	THOMAS
277	TIFT
279	TOOMBS
281	TOWNS
283	TREUTLEN
285	TROUP
287	TURNER
289	TWIGGS
291	UNION
293	UPSON
295	WALKER
297	WALTON
299	WARE
301	WARREN
303	WASHINGTON
305	WAYNE
307	WEBSTER
309	WHEELER
311	WHITE
313	WHITFIELD
315	WILCOX
317	WILKES
319	WILKINSON
321	WORTH

CODE	CONSOLIDATED GOVERNMENT
*510	COLUMBUS

Code 215[1] Previously assigned to Muscogee County. Columbus (Code 510) identifies a consolidated government, which has replaced Muscogee County as a primary division of the State of Georgia. The name of this new unit is not Columbus County, or Columbus City; it is just Columbus.

STATE NAME: HAWAII

STATE ABBREVIATION: HI

STATE CODE: 15

CODE	COUNTY NAME
001	HAWAII
003	HONOLULU
005[1]	KALAWAO
007	KAUAI
009	MAUI

005[1] Kalawao, Revised FIPS 6-1, June 15, 1970.

Kalawao County has no local county government and administratively is included with Maui County for statistical purposes.

STATE NAME: IDAHO

STATE ABBREVIATION: ID

STATE CODE: 16

CODE	COUNTY NAME
001	ADA
003	ADAMS
005	BANNOCK
007	BEAR LAKE
009	BENEWAH
011	BINGHAM
013	BLAINE
015	BOISE
017	BONNER
019	BONNEVILLE
021	BOUNDARY
023	BUTTE
025	CAMAS
027	CANYON
029	CARIBOU
031	CASSIA
033	CLARK
035	CLEARWATER
037	CUSTER
039	ELMORE

565-109 O - 74 - 2

041	FRANKLIN
043	FREMONT
045	GEM
047	GOODING
049	IDAHO
051	JEFFERSON
053	JEROME
055	KOOTENAI
057	LATAH
059	LEMHI
061	LEWIS
063	LINCOLN
065	MADISON
067	MINIDOKA
069	NEZ PERCE
071	ONEIDA
073	OWYHEE
075	PAYETTE
077	POWER
079	SHOSHONE
081	TETON
083	TWIN FALLS
085	VALLEY
087	WASHINGTON

STATE NAME: ILLINOIS

STATE ABBREVIATION: IL

STATE CODE: 17

CODE	COUNTY NAME
001	ADAMS
003	ALEXANDER
005	BOND
007	BOONE
009	BROWN
011	BUREAU
013	CALHOUN
015	CARROLL
017	CASS
019	CHAMPAIGN
021	CHRISTIAN
023	CLARK
025	CLAY
027	CLINTON
029	COLES
031	COOK
033	CRAWFORD
035	CUMBERLAND
037	DE KALB
039	DE WITT
041	DOUGLAS
043	DU PAGE
045	EDGAR
047	EDWARDS
049	EFFINGHAM
051	FAYETTE
053	FORD
055	FRANKLIN
057	FULTON
059	GALLATIN
061	GREENE
063	GRUNDY
065	HAMILTON
067	HANCOCK
069	HARDIN
071	HENDERSON
073	HENRY
075	IROQUOIS
077	JACKSON
079	JASPER
081	JEFFERSON
083	JERSEY
085	JO DAVIESS
087	JOHNSON
089	KANE
091	KANKAKEE
093	KENDALL
095	KNOX
097	LAKE
099	LA SALLE
101	LAWRENCE
103	LEE
105	LIVINGSTON
107	LOGAN
109	MCDONOUGH
111	MCHENRY
113	MCLEAN
115	MACON
117	MACOUPIN
119	MADISON
121	MARION
123	MARSHALL
125	MASON
127	MASSAC
129	MENARD
131	MERCER
133	MONROE
135	MONTGOMERY
137	MORGAN
139	MOULTRIE
141	OGLE
143	PEORIA
145	PERRY
147	PIATT
149	PIKE
151	POPE
153	PULASKI
155	PUTNAM
157	RANDOLPH
159	RICHLAND
161	ROCK ISLAND
163	ST CLAIR
165	SALINE
167	SANGAMON
169	SCHUYLER
171	SCOTT
173	SHELBY
175	STARK
177	STEPHENSON
179	TAZEWELL
181	UNION
183	VERMILION
185	WABASH
187	WARREN
189	WASHINGTON
191	WAYNE
193	WHITE
195	WHITESIDE
197	WILL
199	WILLIAMSON
201	WINNEBAGO
203	WOODFORD

STATE NAME: INDIANA

STATE ABBREVIATION: IN

STATE CODE: 18

CODE	COUNTY NAME
001	ADAMS
003	ALLEN
005	BARTHOLOMEW
007	BENTON
009	BLACKFORD
011	BOONE
013	BROWN
015	CARROLL
017	CASS
019	CLARK
021	CLAY
023	CLINTON
025	CRAWFORD
027	DAVIESS
029	DEARBORN

031	DECATUR
033	DE KALB
035	DELAWARE
037	DUBOIS
039	ELKHART
041	FAYETTE
043	FLOYD
045	FOUNTAIN
047	FRANKLIN
049	FULTON
051	GIBSON
053	GRANT
055	GREENE
057	HAMILTON
059	HANCOCK
061	HARRISON
063	HENDRICKS
065	HENRY
067	HOWARD
069	HUNTINGTON
071	JACKSON
073	JASPER
075	JAY
077	JEFFERSON
079	JENNINGS
081	JOHNSON
083	KNOX
085	KOSCIUSKO
087	LAGRANGE
089	LAKE
091	LA PORTE
093	LAWRENCE
095	MADISON
097	MARION
099	MARSHALL
101	MARTIN
103	MIAMI
105	MONROE
107	MONTGOMERY
109	MORGAN
111	NEWTON
113	NOBLE
115	OHIO
117	ORANGE
119	OWEN
121	PARKE
123	PERRY
125	PIKE
127	PORTER
129	POSEY
131	PULASKI
133	PUTNAM
135	RANDOLPH
137	RIPLEY
139	RUSH
141	ST JOSEPH
143	SCOTT
145	SHELBY
147	SPENCER
149	STARKE
151	STEUBEN
153	SULLIVAN
155	SWITZERLAND
157	TIPPECANOE
159	TIPTON
161	UNION
163	VANDERBURGH
165	VERMILLION
167	VIGO
169	WABASH
171	WARREN
173	WARRICK
175	WASHINGTON
177	WAYNE
179	WELLS
181	WHITE
183	WHITLEY

STATE NAME: IOWA

STATE ABBREVIATION: IA

STATE CODE: 19

CODE	COUNTY NAME
001	ADAIR
003	ADAMS
005	ALLAMAKEE
007	APPANOOSE
009	AUDUBON
011	BENTON
013	BLACK HAWK
015	BOONE
017	BREMER
019	BUCHANAN
021	BUENA VISTA
023	BUTLER
025	CALHOUN
027	CARROLL
029	CASS
031	CEDAR
033	CERRO GORDO
035	CHEROKEE
037	CHICKASAW
039	CLARKE
041	CLAY
043	CLAYTON
045	CLINTON
047	CRAWFORD
049	DALLAS
051	DAVIS
053	DECATUR
055	DELAWARE
057	DES MOINES
059	DICKINSON
061	DUBUQUE
063	EMMET
065	FAYETTE
067	FLOYD
069	FRANKLIN
071	FREMONT
073	GREENE
075	GRUNDY
077	GUTHRIE
079	HAMILTON
081	HANCOCK
083	HARDIN
085	HARRISON
087	HENRY
089	HOWARD
091	HUMBOLDT
093	IDA
095	IOWA
097	JACKSON
099	JASPER
101	JEFFERSON
103	JOHNSON
105	JONES
107	KEOKUK
109	KOSSUTH
111	LEE
113	LINN
115	LOUISA
117	LUCAS
119	LYON
121	MADISON
123	MAHASKA
125	MARION
127	MARSHALL
129	MILLS
131	MITCHELL
133	MONONA
135	MONROE
137	MONTGOMERY
139	MUSCATINE
141	O BRIEN
143	OSCEOLA
145	PAGE
147	PALO ALTO
149	PLYMOUTH

151	POCAHONTAS
153	POLK
155	POTTAWATTAMIE
157	POWESHIEK
159	RINGGOLD
161	SAC
163	SCOTT
165	SHELBY
167	SIOUX
169	STORY
171	TAMA
173	TAYLOR
175	UNION
177	VAN BUREN
179	WAPELLO
181	WARREN
183	WASHINGTON
185	WAYNE
187	WEBSTER
189	WINNEBAGO
191	WINNESHIEK
193	WOODBURY
195	WORTH
197	WRIGHT

STATE NAME: KANSAS

STATE ABBREVIATION: KS

STATE CODE: 20

CODE	COUNTY NAME
001	ALLEN
003	ANDERSON
005	ATCHISON
007	BARBER
009	BARTON
011	BOURBON
013	BROWN
015	BUTLER
017	CHASE
019	CHAUTAUQUA
021	CHEROKEE
023	CHEYENNE
025	CLARK
027	CLAY
029	CLOUD
031	COFFEY
033	COMANCHE
035	COWLEY
037	CRAWFORD
039	DECATUR
041	DICKINSON
043	DONIPHAN
045	DOUGLAS
047	EDWARDS
049	ELK
051	ELLIS
053	ELLSWORTH
055	FINNEY
057	FORD
059	FRANKLIN
061	GEARY
063	GOVE
065	GRAHAM
067	GRANT
069	GRAY
071	GREELEY
073	GREENWOOD
075	HAMILTON
077	HARPER
079	HARVEY
081	HASKELL
083	HODGEMAN
085	JACKSON
087	JEFFERSON
089	JEWELL
091	JOHNSON
093	KEARNY
095	KINGMAN
097	KIOWA
099	LABETTE
101	LANE
103	LEAVENWORTH
105	LINCOLN
107	LINN
109	LOGAN
111	LYON
113	MCPHERSON
115	MARION
117	MARSHALL
119	MEADE
121	MIAMI
123	MITCHELL
125	MONTGOMERY
127	MORRIS
129	MORTON
131	NEMAHA
133	NEOSHO
135	NESS
137	NORTON
139	OSAGE
141	OSBORNE
143	OTTAWA
145	PAWNEE
147	PHILLIPS
149	POTTAWATOMIE
151	PRATT
153	RAWLINS
155	RENO
157	REPUBLIC
159	RICE
161	RILEY
163	ROOKS
165	RUSH
167	RUSSELL
169	SALINE
171	SCOTT
173	SEDGWICK
175	SEWARD
177	SHAWNEE
179	SHERIDAN
181	SHERMAN
183	SMITH
185	STAFFORD
187	STANTON
189	STEVENS
191	SUMNER
193	THOMAS
195	TREGO
197	WABAUNSEE
199	WALLACE
201	WASHINGTON
203	WICHITA
205	WILSON
207	WOODSON
209	WYANDOTTE

STATE NAME: KENTUCKY

STATE ABBREVIATION: KY

STATE CODE: 21

CODE	COUNTY NAME
001	ADAIR
003	ALLEN
005	ANDERSON
007	BALLARD
009	BARREN
011	BATH
013	BELL
015	BOONE
017	BOURBON
019	BOYD
021	BOYLE
023	BRACKEN
025	BREATHITT
027	BRECKINRIDGE
029	BULLITT

031	BUTLER
033	CALDWELL
035	CALLOWAY
037	CAMPBELL
039	CARLISLE
041	CARROLL
043	CARTER
045	CASEY
047	CHRISTIAN
049	CLARK
051	CLAY
053	CLINTON
055	CRITTENDEN
057	CUMBERLAND
059	DAVIESS
061	EDMONSON
063	ELLIOTT
065	ESTILL
067	FAYETTE
069	FLEMING
071	FLOYD
073	FRANKLIN
075	FULTON
077	GALLATIN
079	GARRARD
081	GRANT
083	GRAVES
085	GRAYSON
087	GREEN
089	GREENUP
091	HANCOCK
093	HARDIN
095	HARLAN
097	HARRISON
099	HART
101	HENDERSON
103	HENRY
105	HICKMAN
107	HOPKINS
109	JACKSON
111	JEFFERSON
113	JESSAMINE
115	JOHNSON
117	KENTON
119	KNOTT
121	KNOX
123	LARUE
125	LAUREL
127	LAWRENCE
129	LEE
131	LESLIE
133	LETCHER
135	LEWIS
137	LINCOLN
139	LIVINGSTON
141	LOGAN
143	LYON
145	MCCRACKEN
147	MCCREARY
149	MCLEAN
151	MADISON
153	MAGOFFIN
155	MARION
157	MARSHALL
159	MARTIN
161	MASON
163	MEADE
165	MENIFEE
167	MERCER
169	METCALFE
171	MONROE
173	MONTGOMERY
175	MORGAN
177	MUHLENBERG
179	NELSON
181	NICHOLAS
183	OHIO
185	OLDHAM
187	OWEN
189	OWSLEY
191	PENDLETON
193	PERRY
195	PIKE
197	POWELL
199	PULASKI
201	ROBERTSON
203	ROCKCASTLE
205	ROWAN
207	RUSSELL
209	SCOTT
211	SHELBY
213	SIMPSON
215	SPENCER
217	TAYLOR
219	TODD
221	TRIGG
223	TRIMBLE
225	UNION
227	WARREN
229	WASHINGTON
231	WAYNE
233	WEBSTER
235	WHITLEY
237	WOLFE
239	WOODFORD

STATE NAME: LOUISIANA

STATE ABBREVIATION: LA

STATE CODE: 22

CODE	COUNTY NAME
001	ACADIA
003	ALLEN
005	ASCENSION
007	ASSUMPTION
009	AVOYELLES
011	BEAUREGARD
013	BIENVILLE
015	BOSSIER
017	CADDO
019	CALCASIEU
021	CALDWELL
023	CAMERON
025	CATAHOULA
027	CLAIBORNE
029	CONCORDIA
031	DE SOTO
033	EAST BATON ROUGE
035	EAST CARROLL
037	EAST FELICIANA
039	EVANGELINE
041	FRANKLIN
043	GRANT
045	IBERIA
047	IBERVILLE
049	JACKSON
051	JEFFERSON
053	JEFFERSON DAVIS
055	LAFAYETTE
057	LAFOURCHE
059	LA SALLE
061	LINCOLN
063	LIVINGSTON
065	MADISON
067	MOREHOUSE
069	NATCHITOCHES
071	ORLEANS
073	OUACHITA
075	PLAQUEMINES
077	POINTE COUPEE
079	RAPIDES
081	RED RIVER
083	RICHLAND
085	SABINE
087	ST BERNARD
089	ST CHARLES

091	ST HELENA
093	ST JAMES
095	ST JOHN THE BAPTIST
097	ST LANDRY
099	ST MARTIN
101	ST MARY
103	ST TAMMANY
105	TANGIPAHOA
107	TENSAS
109	TERREBONNE
111	UNION
113	VERMILION
115	VERNON
117	WASHINGTON
119	WEBSTER
121	WEST BATON ROUGE
123	WEST CARROLL
125	WEST FELICIANA
127	WINN

035[1] East Carroll Revised FIPS 6-1 June 15 1970 (Spelling correction from 'East Carrol')

STATE NAME: MAINE

STATE ABBREVIATION: ME

STATE CODE: 23

CODE	COUNTY NAME
001	ANDROSCOGGIN
003	AROOSTOOK
005	CUMBERLAND
007	FRANKLIN
009	HANCOCK
011	KENNEBEC
013	KNOX
015	LINCOLN
017	OXFORD
019	PENOBSCOT
021	PISCATAQUIS
023	SAGADAHOC
025	SOMERSET
027	WALDO
029	WASHINGTON
031	YORK

STATE NAME: MARYLAND

STATE ABBREVIATION: MD

STATE CODE: 24

CODE	COUNTY NAME
001	ALLEGANY
003	ANNE ARUNDEL
005	BALTIMORE
009	CALVERT
011	CAROLINE
013	CARROLL
015	CECIL
017	CHARLES
019	DORCHESTER
021	FREDERICK
023	GARRETT
025	HARFORD
027	HOWARD
029	KENT
031	MONTGOMERY
033	PRINCE GEORGES
035	QUEEN ANNES
037	ST MARYS
039	SOMERSET
041	TALBOT
043	WASHINGTON
045	WICOMICO
047	WORCESTER

CODE	INDEPENDENT CITY
510	BALTIMORE CITY

STATE NAME: MASSACHUSETTS

STATE ABBREVIATION: MA

STATE CODE: 25

CODE	COUNTY NAME
001	BARNSTABLE
003	BERKSHIRE
005	BRISTOL
007	DUKES
009	ESSEX
011	FRANKLIN
013	HAMPDEN
015	HAMPSHIRE
017	MIDDLESEX
019	NANTUCKET
021	NORFOLK
023	PLYMOUTH
025	SUFFOLK
027	WORCESTER

STATE NAME: MICHIGAN

STATE ABBREVIATION: MI

STATE CODE: 26

CODE	COUNTY NAME
001	ALCONA
003	ALGER
005	ALLEGAN
007	ALPENA
009	ANTRIM
011	ARENAC
013	BARAGA
015	BARRY
017	BAY
019	BENZIE
021	BERRIEN
023	BRANCH
025	CALHOUN
027	CASS
029	CHARLEVOIX
031	CHEBOYGAN
033	CHIPPEWA
035	CLARE
037	CLINTON
039	CRAWFORD
041	DELTA
043	DICKINSON
045	EATON
047	EMMET
049	GENESEE
051	GLADWIN
053	GOGEBIC
055	GRAND TRAVERSE
057	GRATIOT
059	HILLSDALE
061	HOUGHTON
063	HURON
065	INGHAM
067	IONIA
069	IOSCO
071	IRON
073	ISABELLA
075	JACKSON
077	KALAMAZOO
079	KALKASKA

081	KENT
083	KEWEENAW
085	LAKE
087	LAPEER
089	LEELANAU
091	LENAWEE
093	LIVINGSTON
095	LUCE
097	MACKINAC
099	MACOMB
101	MANISTEE
103	MARQUETTE
105	MASON
107	MECOSTA
109	MENOMINEE
111	MIDLAND
113	MISSAUKEE
115	MONROE
117	MONTCALM
119	MONTMORENCY
121	MUSKEGON
123	NEWAYGO
125	OAKLAND
127	OCEANA
129	OGEMAW
131	ONTONAGON
133	OSCEOLA
135	OSCODA
137	OTSEGO
139	OTTAWA
141	PRESQUE ISLE
143	ROSCOMMON
145	SAGINAW
147	ST CLAIR
149	ST JOSEPH
151	SANILAC
153	SCHOOLCRAFT
155	SHIAWASSEE
157	TUSCOLA
159	VAN BUREN
161	WASHTENAW
163	WAYNE
165	WEXFORD

STATE NAME: MINNESOTA

STATE ABBREVIATION: MN

STATE CODE: 27

CODE	COUNTY NAME
001	AITKIN
003	ANOKA
005	BECKER
007	BELTRAMI
009	BENTON
011	BIG STONE
013	BLUE EARTH
015	BROWN
017	CARLTON
019	CARVER
021	CASS
023	CHIPPEWA
025	CHISAGO
027	CLAY
029	CLEARWATER
031	COOK
033	COTTONWOOD
035	CROW WING
037	DAKOTA
039	DODGE
041	DOUGLAS
043	FARIBAULT
045	FILLMORE
047	FREEBORN
049	GOODHUE
051	GRANT
053	HENNEPIN
055	HOUSTON
057	HUBBARD
059	ISANTI
061	ITASCA
063	JACKSON
065	KANABEC
067	KANDIYOHI
069	KITTSON
071	KOOCHICHING
073	LAC QUI PARLE
075	LAKE
077	LAKE OF THE WOODS
079	LE SUEUR
081	LINCOLN
083	LYON
085	MCLEOD
087	MAHNOMEN
089	MARSHALL
091	MARTIN
093	MEEKER
095	MILLE LACS
097	MORRISON
099	MOWER
101	MURRAY
103	NICOLLET
105	NOBLES
107	NORMAN
109	OLMSTED
111	OTTER TAIL
113	PENNINGTON
115	PINE
117	PIPESTONE
119	POLK
121	POPE
123	RAMSEY
125	RED LAKE
127	REDWOOD
129	RENVILLE
131	RICE
133	ROCK
135	ROSEAU
137	ST LOUIS
139	SCOTT
141	SHERBURNE
143	SIBLEY
145	STEARNS
147	STEELE
149	STEVENS
151	SWIFT
153	TODD
155	TRAVERSE
157	WABASHA
159	WADENA
161	WASECA
163	WASHINGTON
165	WATONWAN
167	WILKIN
169	WINONA
171	WRIGHT
173	YELLOW MEDICINE

STATE NAME: MISSISSIPPI

STATE ABBREVIATION: MS

STATE CODE: 28

CODE	COUNTY NAME
001	ADAMS
003	ALCORN
005	AMITE
007	ATTALA
009	BENTON
011	BOLIVAR
013	CALHOUN
015	CARROLL
017	CHICKASAW
019	CHOCTAW
021	CLAIBORNE
023	CLARKE
025	CLAY
027	COAHOMA
029	COPIAH

031	COVINGTON
033	DE SOTO
035	FORREST
037	FRANKLIN
039	GEORGE
041	GREENE
043	GRENADA
045	HANCOCK
047	HARRISON
049	HINDS
051	HOLMES
053	HUMPHREYS
055	ISSAQUENA
057	ITAWAMBA
059	JACKSON
061	JASPER
063	JEFFERSON
065	JEFFERSON DAVIS
067	JONES
069	KEMPER
071	LAFAYETTE
073	LAMAR
075	LAUDERDALE
077	LAWRENCE
079	LEAKE
081	LEE
083	LEFLORE
085	LINCOLN
087	LOWNDES
089	MADISON
091	MARION
093	MARSHALL
095	MONROE
097	MONTGOMERY
099	NESHOBA
101	NEWTON
103	NOXUBEE
105	OKTIBBEHA
107	PANOLA
109	PEARL RIVER
111	PERRY
113	PIKE
115	PONTOTOC
117	PRENTISS
119	QUITMAN
121	RANKIN
123	SCOTT
125	SHARKEY
127	SIMPSON
129	SMITH
131	STONE
133	SUNFLOWER
135	TALLAHATCHIE
137	TATE
139	TIPPAH
141	TISHOMINGO
143	TUNICA
145	UNION
147	WALTHALL
149	WARREN
151	WASHINGTON
153	WAYNE
155	WEBSTER
157	WILKINSON
159	WINSTON
161	YALOBUSHA
163	YAZOO

STATE NAME: MISSOURI

STATE ABBREVIATION: MO

STATE CODE: 29

CODE	COUNTY NAME
001	ADAIR
003	ANDREW
005	ATCHISON
007	AUDRAIN
009	BARRY
011	BARTON
013	BATES
015	BENTON
017	BOLLINGER
019	BOONE
021	BUCHANAN
023	BUTLER
025	CALDWELL
027	CALLAWAY
029	CAMDEN
031	CAPE GIRARDEAU
033	CARROLL
035	CARTER
037	CASS
039	CEDAR
041	CHARITON
043	CHRISTIAN
045	CLARK
047	CLAY
049	CLINTON
051	COLE
053	COOPER
055	CRAWFORD
057	DADE
059	DALLAS
061	DAVIESS
063	DE KALB
065	DENT
067	DOUGLAS
069	DUNKLIN
071	FRANKLIN
073	GASCONADE
075	GENTRY
077	GREENE
079	GRUNDY
081	HARRISON
083	HENRY
085	HICKORY
087	HOLT
089	HOWARD
091	HOWELL
093	IRON
095	JACKSON
097	JASPER
099	JEFFERSON
101	JOHNSON
103	KNOX
105	LACLEDE
107	LAFAYETTE
109	LAWRENCE
111	LEWIS
113	LINCOLN
115	LINN
117	LIVINGSTON
119	MCDONALD
121	MACON
123	MADISON
125	MARIES
127	MARION
129	MERCER
131	MILLER
133	MISSISSIPPI
135	MONITEAU
137	MONROE
139	MONTGOMERY
141	MORGAN
143	NEW MADRID
145	NEWTON
147	NODAWAY
149	OREGON
151	OSAGE
153	OZARK
155	PEMISCOT
157	PERRY
159	PETTIS
161	PHELPS
163	PIKE
165	PLATTE
167	POLK
169	PULASKI

171	PUTNAM
173	RALLS
175	RANDOLPH
177	RAY
179	REYNOLDS
181	RIPLEY
183	ST CHARLES
185	ST CLAIR
187	ST FRANCOIS
189	ST LOUIS
193	STE GENEVIEVE
195	SALINE
197	SCHUYLER
199	SCOTLAND
201	SCOTT
203	SHANNON
205	SHELBY
207	STODDARD
209	STONE
211	SULLIVAN
213	TANEY
215	TEXAS
217	VERNON
219	WARREN
221	WASHINGTON
223	WAYNE
225	WEBSTER
227	WORTH
229	WRIGHT

CODE	INDEPENDENT CITY
510	ST LOUIS CITY

STATE NAME: MONTANA

STATE ABBREVIATION: MT

STATE CODE: 30

CODE	COUNTY NAME
001	BEAVERHEAD
003	BIG HORN
005	BLAINE
007	BROADWATER
009	CARBON
011	CARTER
013	CASCADE
015	CHOUTEAU
017	CUSTER
019	DANIELS
021	DAWSON
023	DEER LODGE
025	FALLON
027	FERGUS
029	FLATHEAD
031	GALLATIN
033	GARFIELD
035	GLACIER
037	GOLDEN VALLEY
039	GRANITE
041	HILL
043	JEFFERSON
045	JUDITH BASIN
047	LAKE
049	LEWIS AND CLARK
051	LIBERTY
053	LINCOLN
055	MCCONE
057	MADISON
059	MEAGHER
061	MINERAL
063	MISSOULA
065	MUSSELSHELL
067	PARK
069	PETROLEUM
071	PHILLIPS
073	PONDERA
075	POWDER RIVER
077	POWELL
079	PRAIRIE
081	RAVALLI
083	RICHLAND
085	ROOSEVELT
087	ROSEBUD
089	SANDERS
091	SHERIDAN
093	SILVER BOW
095	STILLWATER
097	SWEET GRASS
099	TETON
101	TOOLE
103	TREASURE
105	VALLEY
107	WHEATLAND
109	WIBAUX
111	YELLOWSTONE
113	YELLOWSTONE NATIONAL PARK-PART

STATE NAME: NEBRASKA

STATE ABBREVIATION: NE

STATE CODE: 31

CODE	COUNTY NAME
001	ADAMS
003	ANTELOPE
005	ARTHUR
007	BANNER
009	BLAINE
011	BOONE
013	BOX BUTTE
015	BOYD
017	BROWN
019	BUFFALO
021	BURT
023	BUTLER
025	CASS
027	CEDAR
029	CHASE
031	CHERRY
033	CHEYENNE
035	CLAY
037	COLFAX
039	CUMING
041	CUSTER
043	DAKOTA
045	DAWES
047	DAWSON
049	DEUEL
051	DIXON
053	DODGE
055	DOUGLAS
057	DUNDY
059	FILLMORE
061	FRANKLIN
063	FRONTIER
065	FURNAS
067	GAGE
069	GARDEN
071	GARFIELD
073	GOSPER
075	GRANT
077	GREELEY
079	HALL
081	HAMILTON
083	HARLAN
085	HAYES
087	HITCHCOCK
089	HOLT

091	HOOKER
093	HOWARD
095	JEFFERSON
097	JOHNSON
099	KEARNEY
101	KEITH
103	KEYA PAHA
105	KIMBALL
107	KNOX
109	LANCASTER
111	LINCOLN
113	LOGAN
115	LOUP
117	MCPHERSON
119	MADISON
121	MERRICK
123	MORRILL
125	NANCE
127	NEMAHA
129	NUCKOLLS
131	OTOE
133	PAWNEE
135	PERKINS
137	PHELPS
139	PIERCE
141	PLATTE
143	POLK
145	RED WILLOW
147	RICHARDSON
149	ROCK
151	SALINE
153	SARPY
155	SAUNDERS
157	SCOTTS BLUFF
159	SEWARD
161	SHERIDAN
163	SHERMAN
165	SIOUX
167	STANTON
169	THAYER
171	THOMAS
173	THURSTON
175	VALLEY
177	WASHINGTON
179	WAYNE
181	WEBSTER
183	WHEELER
185	YORK

STATE NAME: NEVADA

STATE ABBREVIATION: NV

STATE CODE: 32

CODE	COUNTY NAME
001	CHURCHILL
003	CLARK
005	DOUGLAS
007	ELKO
009	ESMERALDA
011	EUREKA
013	HUMBOLDT
015	LANDER
017	LINCOLN
019	LYON
021	MINERAL
023	NYE
025[1]	
027	PERSHING
029	STOREY
031	WASHOE
033	WHITE PINE

CODE	INDEPENDENT CITY
510[1]	CARSON CITY

025[1] and 510[1] Carson City, Revised FIPS 6-1, June 15, 1970

Code 025 was previously assigned to Ormsby County which has been incorporated as the independent city of Carson City

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STATE NAME: NEW HAMPSHIRE

STATE ABBREVIATION: NH

STATE CODE: 33

CODE	COUNTY NAME
001	BELKNAP
003	CARROLL
005	CHESHIRE
007	COOS
009	GRAFTON
011[1]	HILLSBOROUGH
013	MERRIMACK
015	ROCKINGHAM
017	STRAFFORD
019	SULLIVAN

011[1] Hillsborough, Revised FIPS 6-1, June 15, 1970

May also be spelled "Hillsboro"

STATE NAME: NEW JERSEY

STATE ABBREVIATION: NJ

STATE CODE: 34

CODE	COUNTY NAME
001	ATLANTIC
003	BERGEN
005	BURLINGTON
007	CAMDEN
009	CAPE MAY
011	CUMBERLAND
013	ESSEX
015	GLOUCESTER
017	HUDSON
019	HUNTERDON
021	MERCER
023	MIDDLESEX
025	MONMOUTH
027	MORRIS
029	OCEAN
031	PASSAIC
033	SALEM
035	SOMERSET
037	SUSSEX
039	UNION
041	WARREN

STATE NAME: NEW MEXICO

STATE ABBREVIATION: NM

STATE CODE: 35

CODE	COUNTY NAME
001	BERNALILLO
003	CATRON
005	CHAVES
007	COLFAX
009	CURRY
011	DE BACA
013	DONA ANA
015	EDDY
017	GRANT
019	GUADALUPE
021	HARDING
023	HIDALGO
025	LEA
027	LINCOLN
028	LOS ALAMOS

029	LUNA
031	MCKINLEY
033	MORA
035	OTERO
037	QUAY
039	RIO ARRIBA
041	ROOSEVELT
043	SANDOVAL
045	SAN JUAN
047	SAN MIGUEL
049	SANTA FE
051	SIERRA
053	SOCORRO
055	TAOS
057	TORRANCE
059	UNION
061	VALENCIA

STATE NAME: NEW YORK

STATE ABBREVIATION: NY

STATE CODE: 36

CODE	COUNTY NAME
001	ALBANY
003	ALLEGANY
005	BRONX
007	BROOME
009	CATTARAUGUS
011	CAYUGA
013	CHAUTAUQUA
015	CHEMUNG
017	CHENANGO
019	CLINTON
021	COLUMBIA
023	CORTLAND
025	DELAWARE
027	DUTCHESS
029	ERIE
031	ESSEX
033	FRANKLIN
035	FULTON
037	GENESEE
039	GREENE
041	HAMILTON
043	HERKIMER
045	JEFFERSON
047	KINGS
049	LEWIS
051	LIVINGSTON
053	MADISON
055	MONROE
057	MONTGOMERY
059	NASSAU
061	NEW YORK
063	NIAGARA
065	ONEIDA
067	ONONDAGA
069	ONTARIO
071	ORANGE
073	ORLEANS
075	OSWEGO
077	OTSEGO
079	PUTNAM
081	QUEENS
083	RENSSELAER
085	RICHMOND
087	ROCKLAND
089	ST LAWRENCE
091	SARATOGA
093	SCHENECTADY
095	SCHOHARIE
097	SCHUYLER
099	SENECA
101	STEUBEN
103	SUFFOLK
105	SULLIVAN
107	TIOGA
109	TOMPKINS
111	ULSTER
113	WARREN
115	WASHINGTON
117	WAYNE
119	WESTCHESTER
121	WYOMING
123	YATES

STATE NAME: NORTH CAROLINA

STATE ABBREVIATION: NC

STATE CODE: 37

CODE	COUNTY NAME
001	ALAMANCE
003	ALEXANDER
005	ALLEGHANY
007	ANSON
009	ASHE
011	AVERY
013	BEAUFORT
015	BERTIE
017	BLADEN
019	BRUNSWICK
021	BUNCOMBE
023	BURKE
025	CABARRUS
027	CALDWELL
029	CAMDEN
031	CARTERET
033	CASWELL
035	CATAWBA
037	CHATHAM
039	CHEROKEE
041	CHOWAN
043	CLAY
045	CLEVELAND
047	COLUMBUS
049	CRAVEN
051	CUMBERLAND
053	CURRITUCK
055	DARE
057	DAVIDSON
059	DAVIE
061	DUPLIN
063	DURHAM
065	EDGECOMBE
067	FORSYTH
069	FRANKLIN
071	GASTON
073	GATES
075	GRAHAM
077	GRANVILLE
079	GREENE
081	GUILFORD
083	HALIFAX
085	HARNETT
087	HAYWOOD
089	HENDERSON
091	HERTFORD
093	HOKE
095	HYDE
097	IREDELL
099	JACKSON
101	JOHNSTON
103	JONES
105	LEE
107	LENOIR
109	LINCOLN
111	MCDOWELL
113	MACON
115	MADISON
117	MARTIN
119	MECKLENBURG

121	MITCHELL
123	MONTGOMERY
125	MOORE
127	NASH
129	NEW HANOVER
131	NORTHAMPTON
133	ONSLOW
135	ORANGE
137	PAMLICO
139	PASQUOTANK
141	PENDER
143	PERQUIMANS
145	PERSON
147	PITT
149	POLK
151	RANDOLPH
153	RICHMOND
155	ROBESON
157	ROCKINGHAM
159	ROWAN
161	RUTHERFORD
163	SAMPSON
165	SCOTLAND
167	STANLY
169	STOKES
171	SURRY
173	SWAIN
175	TRANSYLVANIA
177	TYRRELL
179	UNION
181	VANCE
183	WAKE
185	WARREN
187	WASHINGTON
189	WATAUGA
191	WAYNE
193	WILKES
195	WILSON
197	YADKIN
199	YANCEY

STATE NAME: NORTH DAKOTA

STATE ABBREVIATION: ND

STATE CODE: 38

CODE	COUNTY NAME
001	ADAMS
003	BARNES
005	BENSON
007	BILLINGS
009	BOTTINEAU
011	BOWMAN
013	BURKE
015	BURLEIGH
017	CASS
019	CAVALIER
021	DICKEY
023	DIVIDE
025	DUNN
027	EDDY
029	EMMONS
031	FOSTER
033	GOLDEN VALLEY
035	GRAND FORKS
037	GRANT
039	GRIGGS
041	HETTINGER
043	KIDDER
045	LA MOURE
047	LOGAN
049	MCHENRY
051	MCINTOSH
053	MCKENZIE
055	MCLEAN
057	MERCER
059	MORTON
061	MOUNTRAIL
063	NELSON
065	OLIVER
067	PEMBINA
069	PIERCE
071	RAMSEY
073	RANSOM
075	RENVILLE
077	RICHLAND
079	ROLETTE
081	SARGENT
083	SHERIDAN
085	SIOUX
087	SLOPE
089	STARK
091	STEELE
093	STUTSMAN
095	TOWNER
097	TRAILL
099	WALSH
101	WARD
103	WELLS
105	WILLIAMS

STATE NAME: OHIO

STATE ABBREVIATION: OH

STATE CODE: 39

CODE	COUNTY NAME
001	ADAMS
003	ALLEN
005	ASHLAND
007	ASHTABULA
009	ATHENS
011	AUGLAIZE
013	BELMONT
015	BROWN
017	BUTLER
019	CARROLL
021	CHAMPAIGN
023	CLARK
025	CLERMONT
027	CLINTON
029	COLUMBIANA
031	COSHOCTON
033	CRAWFORD
035	CUYAHOGA
037	DARKE
039	DEFIANCE
041	DELAWARE
043	ERIE
045	FAIRFIELD
047	FAYETTE
049	FRANKLIN
051	FULTON
053	GALLIA
055	GEAUGA
057	GREENE
059	GUERNSEY
061	HAMILTON
063	HANCOCK
065	HARDIN
067	HARRISON
069	HENRY
071	HIGHLAND
073	HOCKING
075	HOLMES
077	HURON
079	JACKSON
081	JEFFERSON
083	KNOX
085	LAKE
087	LAWRENCE
089	LICKING

091	LOGAN
093	LORAIN
095	LUCAS
097	MADISON
099	MAHONING
101	MARION
103	MEDINA
105	MEIGS
107	MERCER
109	MIAMI
111	MONROE
113	MONTGOMERY
115	MORGAN
117	MORROW
119	MUSKINGUM
121	NOBLE
123	OTTAWA
125	PAULDING
127	PERRY
129	PICKAWAY
131	PIKE
133	PORTAGE
135	PREBLE
137	PUTNAM
139	RICHLAND
141	ROSS
143	SANDUSKY
145	SCIOTO
147	SENECA
149	SHELBY
151	STARK
153	SUMMIT
155	TRUMBULL
157	TUSCARAWAS
159	UNION
161	VAN WERT
163	VINTON
165	WARREN
167	WASHINGTON
169	WAYNE
171	WILLIAMS
173	WOOD
175	WYANDOT

STATE NAME: OKLAHOMA

STATE ABBREVIATION: OK

STATE CODE: 40

CODE	COUNTY NAME
001	ADAIR
003	ALFALFA
005	ATOKA
007	BEAVER
009	BECKHAM
011	BLAINE
013	BRYAN
015	CADDO
017	CANADIAN
019	CARTER
021	CHEROKEE
023	CHOCTAW
025	CIMARRON
027	CLEVELAND
029	COAL
031	COMANCHE
033	COTTON
035	CRAIG
037	CREEK
039	CUSTER
041	DELAWARE
043	DEWEY
045	ELLIS
047	GARFIELD
049	GARVIN
051	GRADY
053	GRANT
055	GREER
057	HARMON
059	HARPER
061	HASKELL
063	HUGHES
065	JACKSON
067	JEFFERSON
069	JOHNSTON
071	KAY
073	KINGFISHER
075	KIOWA
077	LATIMER
079	LE FLORE
081	LINCOLN
083	LOGAN
085	LOVE
087	MCCLAIN
089	MCCURTAIN
091	MCINTOSH
093	MAJOR
095	MARSHALL
097	MAYES
099	MURRAY
101	MUSKOGEE
103	NOBLE
105	NOWATA
107	OKFUSKEE
109	OKLAHOMA
111	OKMULGEE
113	OSAGE
115	OTTAWA
117	PAWNEE
119	PAYNE
121	PITTSBURG
123	PONTOTOC
125	POTTAWATOMIE
127	PUSHMATAHA
129	ROGER MILLS
131	ROGERS
133	SEMINOLE
135	SEQUOYAH
137	STEPHENS
139	TEXAS
141	TILLMAN
143	TULSA
145	WAGONER
147	WASHINGTON
149	WASHITA
151	WOODS
153	WOODWARD

STATE NAME: OREGON

STATE ABBREVIATION: OR

STATE CODE: 41

CODE	COUNTY NAME
001	BAKER
003	BENTON
005	CLACKAMAS
007	CLATSOP
009	COLUMBIA
011	COOS
013	CROOK
015	CURRY
017	DESCHUTES
019	DOUGLAS
021	GILLIAM
023	GRANT
025	HARNEY
027	HOOD RIVER
029	JACKSON
031	JEFFERSON
033	JOSEPHINE
035	KLAMATH
037	LAKE
039	LANE
041	LINCOLN
043	LINN
045	MALHEUR
047	MARION
049	MORROW

051	MULTNOMAH
053	POLK
055	SHERMAN
057	TILLAMOOK
059	UMATILLA
061	UNION
063	WALLOWA
065	WASCO
067	WASHINGTON
069	WHEELER
071	YAMHILL

STATE NAME: PENNSYLVANIA

STATE ABBREVIATION: PA

STATE CODE: 42

CODE	COUNTY NAME
001	ADAMS
003	ALLEGHENY
005	ARMSTRONG
007	BEAVER
009	BEDFORD
011	BERKS
013	BLAIR
015	BRADFORD
017	BUCKS
019	BUTLER
021	CAMBRIA
023	CAMERON
025	CARBON
027	CENTRE
029	CHESTER
031	CLARION
033	CLEARFIELD
035	CLINTON
037	COLUMBIA
039	CRAWFORD
041	CUMBERLAND
043	DAUPHIN
045	DELAWARE
047	ELK
049	ERIE
051	FAYETTE
053	FOREST
055	FRANKLIN
057	FULTON
059	GREENE
061	HUNTINGDON
063	INDIANA
065	JEFFERSON
067	JUNIATA
069	LACKAWANNA
071	LANCASTER
073	LAWRENCE
075	LEBANON
077	LEHIGH
079	LUZERNE
081	LYCOMING
083	MCKEAN
085	MERCER
087	MIFFLIN
089	MONROE
091	MONTGOMERY
093	MONTOUR
095	NORTHAMPTON
097	NORTHUMBERLAND
099	PERRY
101	PHILADELPHIA
103	PIKE
105	POTTER
107	SCHUYLKILL
109	SNYDER
111	SOMERSET
113	SULLIVAN
115	SUSQUEHANNA
117	TIOGA
119	UNION
121	VENANGO
123	WARREN
125	WASHINGTON
127	WAYNE
129	WESTMORELAND
131	WYOMING
133	YORK

STATE NAME: RHODE ISLAND

STATE ABBREVIATION: RI

STATE CODE: 44

CODE	COUNTY NAME
001	BRISTOL
003	KENT
005	NEWPORT
007	PROVIDENCE
009	WASHINGTON

STATE NAME: SOUTH CAROLINA

STATE ABBREVIATION: SC

STATE CODE: 45

CODE	COUNTY NAME
001	ABBEVILLE
003	AIKEN
005	ALLENDALE
007	ANDERSON
009	BAMBERG
011	BARNWELL
013	BEAUFORT
015	BERKELEY
017	CALHOUN
019	CHARLESTON
021	CHEROKEE
023	CHESTER
025	CHESTERFIELD
027	CLARENDON
029	COLLETON
031	DARLINGTON
033	DILLON
035	DORCHESTER
037	EDGEFIELD
039	FAIRFIELD
041	FLORENCE
043	GEORGETOWN
045	GREENVILLE
047	GREENWOOD
049	HAMPTON
051	HORRY
053	JASPER
055	KERSHAW
057	LANCASTER
059	LAURENS
061	LEE
063	LEXINGTON
065	MCCORMICK
067	MARION
069	MARLBORO
071	NEWBERRY
073	OCONEE
075	ORANGEBURG
077	PICKENS
079	RICHLAND
081	SALUDA
083	SPARTANBURG
085	SUMTER
087	UNION
089	WILLIAMSBURG
091	YORK

STATE NAME: SOUTH DAKOTA

STATE ABBREVIATION: SD

STATE CODE: 46

CODE	COUNTY NAME
003	AURORA
005	BEADLE
007	BENNETT
009	BON HOMME
011	BROOKINGS
013	BROWN
015	BRULE
017	BUFFALO
019	BUTTE
021	CAMPBELL
023	CHARLES MIX
025	CLARK
027	CLAY
029	CODINGTON
031	CORSON
033	CUSTER
035	DAVISON
037	DAY
039	DEUEL
041	DEWEY
043	DOUGLAS
045	EDMUNDS
047	FALL RIVER
049	FAULK
051	GRANT
053	GREGORY
055	HAAKON
057	HAMLIN
059	HAND
061	HANSON
063	HARDING
065	HUGHES
067	HUTCHINSON
069	HYDE
071	JACKSON
073	JERAULD
075	JONES
077	KINGSBURY
079	LAKE
081	LAWRENCE
083	LINCOLN
085	LYMAN
087	MCCOOK
089	MCPHERSON
091	MARSHALL
093	MEADE
095	MELLETTE
097	MINER
099	MINNEHAHA
101	MOODY
103	PENNINGTON
105	PERKINS
107	POTTER
109	ROBERTS
111	SANBORN
113	SHANNON
115	SPINK
117	STANLEY
119	SULLY
121	TODD
123	TRIPP
125	TURNER
127	UNION
129	WALWORTH
131	WASHABAUGH
135	YANKTON
137	ZIEBACH

STATE NAME: TENNESSEE

STATE ABBREVIATION: TN

STATE CODE: 47

CODE	COUNTY NAME
001	ANDERSON
003	BEDFORD
005	BENTON
007	BLEDSOE
009	BLOUNT
011	BRADLEY
013	CAMPBELL
015	CANNON
017	CARROLL
019	CARTER
021	CHEATHAM
023	CHESTER
025	CLAIBORNE
027	CLAY
029	COCKE
031	COFFEE
033	CROCKETT
035	CUMBERLAND
037	DAVIDSON
039	DECATUR
041	DE KALB
043	DICKSON
045	DYER
047	FAYETTE
049	FENTRESS
051	FRANKLIN
053	GIBSON
055	GILES
057	GRAINGER
059	GREENE
061	GRUNDY
063	HAMBLEN
065	HAMILTON
067	HANCOCK
069	HARDEMAN
071	HARDIN
073	HAWKINS
075	HAYWOOD
077	HENDERSON
079	HENRY
081	HICKMAN
083	HOUSTON
085	HUMPHREYS
087	JACKSON
089	JEFFERSON
091	JOHNSON
093	KNOX
095	LAKE
097	LAUDERDALE
099	LAWRENCE
101	LEWIS
103	LINCOLN
105	LOUDON
107	MCMINN
109	MCNAIRY
111	MACON
113	MADISON
115	MARION
117	MARSHALL
119	MAURY
121	MEIGS
123	MONROE
125	MONTGOMERY
127	MOORE
129	MORGAN
131	OBION
133	OVERTON
135	PERRY
137	PICKETT
139	POLK
141	PUTNAM
143	RHEA
145	ROANE
147	ROBERTSON
149	RUTHERFORD

151	SCOTT
153	SEQUATCHIE
155	SEVIER
157	SHELBY
159	SMITH
161	STEWART
163	SULLIVAN
165	SUMNER
167	TIPTON
169	TROUSDALE
171	UNICOI
173	UNION
175	VAN BUREN
177	WARREN
179	WASHINGTON
181	WAYNE
183	WEAKLEY
185	WHITE
187	WILLIAMSON
189	WILSON

STATE NAME: TEXAS

STATE ABBREVIATION: TX

STATE CODE: 48

CODE	COUNTY NAME
001	ANDERSON
003	ANDREWS
005	ANGELINA
007	ARANSAS
009	ARCHER
011	ARMSTRONG
013	ATASCOSA
015	AUSTIN
017	BAILEY
019	BANDERA
021	BASTROP
023	BAYLOR
025	BEE
027	BELL
029	BEXAR
031	BLANCO
033	BORDEN
035	BOSQUE
037	BOWIE
039	BRAZORIA
041	BRAZOS
043	BREWSTER
045	BRISCOE
047	BROOKS
049	BROWN
051	BURLESON
053	BURNET
055	CALDWELL
057	CALHOUN
059	CALLAHAN
061	CAMERON
063	CAMP
065	CARSON
067	CASS
069	CASTRO
071	CHAMBERS
073	CHEROKEE
075	CHILDRESS
077	CLAY
079	COCHRAN
081	COKE
083	COLEMAN
085	COLLIN
087	COLLINGSWORTH
089	COLORADO
091	COMAL
093	COMANCHE
095	CONCHO
097	COOKE
099	CORYELL
101	COTTLE
103	CRANE
105	CROCKETT
107	CROSBY
109	CULBERSON
111	DALLAM
113	DALLAS
115	DAWSON
117	DEAF SMITH
119	DELTA
121	DENTON
123	DE WITT
125	DICKENS
127	DIMMIT
129	DONLEY
131	DUVAL
133	EASTLAND
135	ECTOR
137	EDWARDS
139	ELLIS
141	EL PASO
143	ERATH
145	FALLS
147	FANNIN
149	FAYETTE
151	FISHER
153	FLOYD
155	FOARD
157	FORT BEND
159	FRANKLIN
161	FRE: STONE
163	FRIO
165	GAINES
167	GALVESTON
169	GARZA
171	GILLESPIE
173	GLASSCOCK
175	GOLIAD
177	GONZALES
179	GRAY
181	GRAYSON
183	GREGG
185	GRIMES
187	GUADALUPE
189	HALE
191	HALL
193	HAMILTON
195	HANSFORD
197	HARDEMAN
199	HARDIN
201	HARRIS
203	HARRISON
205	HARTLEY
207	HASKELL
209	HAYS
211	HEMPHILL
213	HENDERSON
215	HIDALGO
217	HILL
219	HOCKLEY
221	HOOD
223	HOPKINS
225	HOUSTON
227	HOWARD
229	HUDSPETH
231	HUNT
233	HUTCHINSON
235	IRION
237	JACK
239	JACKSON
241	JASPER
243	JEFF DAVIS
245	JEFFERSON
247	JIM HOGG
249	JIM WELLS
251	JOHNSON
253	JONES
255	KARNES
257	KAUFMAN
259	KENDALL
261	KENEDY
263	KENT
265	KERR
267	KIMBLE
269	KING

271	KINNEY
273	KLEBERG
275	KNOX
277	LAMAR
279	LAMB
281	LAMPASAS
283	LA SALLE
285	LAVACA
287	LEE
289	LEON
291	LIBERTY
293	LIMESTONE
295	LIPSCOMB
297	LIVE OAK
299	LLANO
301	LOVING
303	LUBBOCK
305	LYNN
307	MCCULLOCH
309	MCLENNAN
311	MCMULLEN
313	MADISON
315	MARION
317	MARTIN
319	MASON
321	MATAGORDA
323	MAVERICK
325	MEDINA
327	MENARD
329	MIDLAND
331	MILAM
333	MILLS
335	MITCHELL
337	MONTAGUE
339	MONTGOMERY
341	MOORE
343	MORRIS
345	MOTLEY
347	NACOGDOCHES
349	NAVARRO
351	NEWTON
353	NOLAN
355	NUECES
357	OCHILTREE
359	OLDHAM
361	ORANGE
363	PALO PINTO
365	PANOLA
367	PARKER
369	PARMER
371	PECOS
373	POLK
375	POTTER
377	PRESIDIO
379	RAINS
381	RANDALL
383	REAGAN
385	REAL
387	RED RIVER
389	REEVES
391	REFUGIO
393	ROBERTS
395	ROBERTSON
397	ROCKWALL
399	RUNNELS
401	RUSK
403	SABINE
405	SAN AUGUSTINE
407	SAN JACINTO
409	SAN PATRICIO
411	SAN SABA
413	SCHLEICHER
415	SCURRY
417	SHACKELFORD
419	SHELBY
421	SHERMAN
423	SMITH
425	SOMERVELL
427	STARR
429	STEPHENS
431	STERLING
433	STONEWALL
435	SUTTON
437	SWISHER
439	TARRANT
441	TAYLOR
443	TERRELL
445	TERRY
447	THROCKMORTON
449	TITUS
451	TOM GREEN
453	TRAVIS
455	TRINITY
457	TYLER
459	UPSHUR
461	UPTON
463	UVALDE
465	VAL VERDE
467	VAN ZANDT
469	VICTORIA
471	WALKER
473	WALLER
475	WARD
477	WASHINGTON
479	WEBB
481	WHARTON
483	WHEELER
485	WICHITA
487	WILBARGER
489	WILLACY
491	WILLIAMSON
493	WILSON
495	WINKLER
497	WISE
499	WOOD
501	YOAKUM
503	YOUNG
505	ZAPATA
507	ZAVALA

STATE NAME: UTAH

STATE ABBREVIATION: UT

STATE CODE: 49

CODE	COUNTY NAME
001	BEAVER
003	BOX ELDER
005	CACHE
007	CARBON
009	DAGGETT
011	DAVIS
013	DUCHESNE
015	EMERY
017	GARFIELD
019	GRAND
021	IRON
023	JUAB
025	KANE
027	MILLARD
029	MORGAN
031	PIUTE
033	RICH
035	SALT LAKE
037	SAN JUAN
039	SANPETE
041	SEVIER
043	SUMMIT
045	TOOELE
047	UINTAH
049	UTAH
051	WASATCH
053	WASHINGTON
055	WAYNE
057	WEBER

VERMONT—VIRGINIA

STATE NAME: VERMONT

STATE ABBREVIATION: VT

STATE CODE: 50

CODE	COUNTY NAME
001	ADDISON
003	BENNINGTON
005	CALEDONIA
007	CHITTENDEN
009	ESSEX
011	FRANKLIN
013	GRAND ISLE
015	LAMOILLE
017	ORANGE
019	ORLEANS
021	RUTLAND
023	WASHINGTON
025	WINDHAM
027	WINDSOR

STATE NAME: VIRGINIA

STATE ABBREVIATION: VA

STATE CODE: 51

CODE	COUNTY NAME
001	ACCOMACK
003	ALBEMARLE
005	ALLEGHANY
007	AMELIA
009	AMHERST
011	APPOMATTOX
013	ARLINGTON
015	AUGUSTA
017	BATH
019	BEDFORD
021	BLAND
023	BOTETOURT
025	BRUNSWICK
027	BUCHANAN
029	BUCKINGHAM
031	CAMPBELL
033	CAROLINE
035	CARROLL
036	CHARLES CITY
037	CHARLOTTE
041	CHESTERFIELD
043	CLARKE
045	CRAIG
047	CULPEPER
049	CUMBERLAND
051	DICKENSON
053	DINWIDDIE
057	ESSEX
059	FAIRFAX
061	FAUQUIER
063	FLOYD
065	FLUVANNA
067	FRANKLIN
069	FREDERICK
071	GILES
073	GLOUCESTER
075	GOOCHLAND
077	GRAYSON
079	GREENE
081	GREENSVILLE
083	HALIFAX
085	HANOVER
087	HENRICO
089	HENRY
091	HIGHLAND
093	ISLE OF WIGHT
095	JAMES CITY
097	KING AND QUEEN
099	KING GEORGE
101	KING WILLIAM
103	LANCASTER
105	LEE
107	LOUDOUN
109	LOUISA
111	LUNENBURG
113	MADISON
115	MATHEWS
117	MECKLENBURG
119	MIDDLESEX
121	MONTGOMERY
*123 [1]	
125	NELSON
127	NEW KENT
131	NORTHAMPTON
133	NORTHUMBERLAND
135	NOTTOWAY
137	ORANGE
139	PAGE
141	PATRICK
143	PITTSYLVANIA
145	POWHATAN
147	PRINCE EDWARD
149	PRINCE GEORGE
153	PRINCE WILLIAM
155	PULASKI
157	RAPPAHANNOCK
159	RICHMOND
161	ROANOKE
163	ROCKBRIDGE
165	ROCKINGHAM
167	RUSSELL
169	SCOTT
171	SHENANDOAH
173	SMYTH
175	SOUTHAMPTON
177	SPOTSYLVANIA
179	STAFFORD
181	SURRY
183	SUSSEX
185	TAZEWELL
187	WARREN
191	WASHINGTON
193	WESTMORELAND
195	WISE
197	WYTHE
199	YORK

CODE	INDEPENDENT CITIES
510	ALEXANDRIA
515 [1]	BEDFORD
520	BRISTOL
530	BUENA VISTA
540	CHARLOTTESVILLE
550	CHESAPEAKE
560	CLIFTON FORGE
570	COLONIAL HEIGHTS
580	COVINGTON
590	DANVILLE
595	EMPORIA
600	FAIRFAX
610	FALLS CHURCH
620	FRANKLIN
630	FREDERICKSBURG
640	GALAX
650	HAMPTON
660	HARRISONBURG
670	HOPEWELL
678	LEXINGTON
680	LYNCHBURG
690	MARTINSVILLE
*695	NANSEMOND
700	NEWPORT NEWS
710	NORFOLK
720	NORTON
730	PETERSBURG
740	PORTSMOUTH
750	RADFORD
760	RICHMOND
770	ROANOKE
775	SALEM
780	SOUTH BOSTON
790	STAUNTON
800	SUFFOLK
810	VIRGINIA BEACH

820	WAYNESBORO
830	WILLIAMSBURG
840	WINCHESTER

515 Bedford, Independent City, Revised FIPS 6-1, June 15, 1970
Bedford, formerly part of Bedford County, has been incorporated as an independent city.

695 Nansemond, Independent City, Revised FIPS 6-2, 1973 September 15. Formerly Nansemond County (Code 123)

STATE NAME: WASHINGTON

STATE ABBREVIATION: WA

STATE CODE: 53

CODE	COUNTY NAME
001	ADAMS
003	ASOTIN
005	BENTON
007	CHELAN
009	CLALLAM
011	CLARK
013	COLUMBIA
015	COWLITZ
017	DOUGLAS
019	FERRY
021	FRANKLIN
023	GARFIELD
025	GRANT
027	GRAYS HARBOR
029	ISLAND
031	JEFFERSON
033	KING
035	KITSAP
037	KITTITAS
039	KLICKITAT
041	LEWIS
043	LINCOLN
045	MASON
047	OKANOGAN
049	PACIFIC
051	PEND OREILLE
053	PIERCE
055	SAN JUAN
057	SKAGIT
059	SKAMANIA
061	SNOHOMISH
063	SPOKANE
065	STEVENS
067	THURSTON
069	WAHKIAKUM
071	WALLA WALLA
073	WHATCOM
075	WHITMAN
077	YAKIMA

STATE NAME: WEST VIRGINIA

STATE ABBREVIATION: WV

STATE CODE: 54

CODE	COUNTY NAME
001	BARBOUR
003	BERKELEY
005	BOONE
007	BRAXTON
009	BROOKE
011	CABELL
013	CALHOUN
015	CLAY
017	DODDRIDGE
019	FAYETTE
021	GILMER
023	GRANT
025	GREENBRIER
027	HAMPSHIRE
029	HANCOCK
031	HARDY
033	HARRISON
035	JACKSON
037	JEFFERSON
039	KANAWHA
041	LEWIS
043	LINCOLN
045	LOGAN
047	MCDOWELL
049	MARION
051	MARSHALL
053	MASON
055	MERCER
057	MINERAL
059	MINGO
061	MONONGALIA
063	MONROE
065	MORGAN
067	NICHOLAS
069	OHIO
071	PENDLETON
073	PLEASANTS
075	POCAHONTAS
077	PRESTON
079	PUTNAM
081	RALEIGH
083	RANDOLPH
085	RITCHIE
087	ROANE
089	SUMMERS
091	TAYLOR
093	TUCKER
095	TYLER
097	UPSHUR
099	WAYNE
101	WEBSTER
103	WETZEL
105	WIRT
107	WOOD
109	WYOMING

STATE NAME: WISCONSIN

STATE ABBREVIATION: WI

STATE CODE: 55

CODE	COUNTY NAME
001	ADAMS
003	ASHLAND
005	BARRON
007	BAYFIELD
009	BROWN
011	BUFFALO
013	BURNETT
015	CALUMET
017	CHIPPEWA
019	CLARK
021	COLUMBIA
023	CRAWFORD
025	DANE
027	DODGE
029	DOOR
031	DOUGLAS
033	DUNN
035	EAU CLAIRE
037	FLORENCE
039	FOND DU LAC
041	FOREST
043	GRANT
045	GREEN
047	GREEN LAKE
049	IOWA
051	IRON
053	JACKSON
055	JEFFERSON
057	JUNEAU
059	KENOSHA

FIPS 6-2

WISCONSIN—WYOMING

061	KEWAUNEE
063	LA CROSSE
065	LAFAYETTE
067	LANGLADE
069	LINCOLN
071	MANITOWOC
073	MARATHON
075	MARINETTE
077	MARQUETTE
078	MENOMINEE
079	MILWAUKEE
081	MONROE
083	OCONTO
085	ONEIDA
087	OUTAGAMIE
089	OZAUKEE
091	PEPIN
093	PIERCE
095	POLK
097	PORTAGE
099	PRICE
101	RACINE
103	RICHLAND
105	ROCK
107	RUSK
109	ST CROIX
111	SAUK
113	SAWYER
115	SHAWANO
117	SHEBOYGAN
119	TAYLOR
121	TREMPEALEAU
123	VERNON
125	VILAS
127	WALWORTH
129	WASHBURN
131	WASHINGTON
133	WAUKESHA
135	WAUPACA
137	WAUSHARA
139	WINNEBAGO
141	WOOD

STATE NAME: WYOMING

STATE ABBREVIATION: WY

STATE CODE: 56

CODE	COUNTY NAME
001	ALBANY
003	BIG HORN
005	CAMPBELL
007	CARBON
009	CONVERSE
011	CROOK
013	FREMONT
015	GOSHEN
017	HOT SPRINGS
019	JOHNSON
021	LARAMIE
023	LINCOLN
025	NATRONA
027	NIOBRARA
029	PARK
031	PLATTE
033	SHERIDAN
035	SUBLETTE
037	SWEETWATER
039	TETON
041	UINTA
043	WASHAKIE
045	WESTON

Appendix I

LIST OF U.S. BUREAU OF MINES TOWN CODES AND NAMES

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
010	007	0295	BELLE ELLEN
010	007	0747	COLEANOR
010	007	1035	EOLINE
010	007	1318	GARNSEY
010	007	2023	MARVEL
010	007	2497	PIPER
010	007	3240	WEST BLOCTON
010	009	0368	BLOUNT SPRINGS
010	009	0797	COUNTY LINE
010	009	0848	DALLAS
010	009	1600	HAYDEN
010	009	1744	INLAND
010	009	2330	ONEONTA
010	009	2495	PINSON
010	009	2595	REMLAP
010	009	3020	TRAFFORD (JEFFERSON COUNTY)
010	043	0132	ARKADELPHIA
010	043	0455	BREMEN
010	043	0808	CRANE HILL
010	043	0830	CULLMAN
010	043	1560	HANCEVILLE
010	043	1780	JASPER (WALKER COUNTY)
010	049	1230	FORT PAYNE
010	049	2902	SYLVANIA
010	055	0080	ALTOONA
010	057	0320	BERRY
010	057	1367	GLEN ALLEN
010	057	1715	HOWARD
010	059	2450	PHIL CAMPBELL
010	071	1093	FABIUS
010	071	2850	STEVENSON
010	073	0020	ADAMSVILLE
010	073	0032	ADGER
010	073	0330	BESSEMER
010	073	0350	BIRMINGHAM
010	073	0367	BLOSSBURG
010	073	0440	BRADFORD
010	073	0570	CARDIFF
010	073	0718	CLIFT
010	073	0723	COALBURG
010	073	0908	DIXIANA
010	073	1028	ENSLEY
010	073	1110	FAIRFIELD
010	073	1315	GARDENDALE
010	073	1440	GRAYSVILLE
010	073	1630	HELENA (SHELBY COUNTY)
010	073	1717	HUEYTOWN
010	073	1796	JOHNS
010	073	1808	KIMBERLY
010	073	1815	LABUCO
010	073	1850	LEEDS

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
010	073	1864	LEWISBURG
010	073	1875	LINDBERGH
010	073	1916	LITTLETON
010	073	1941	LOVICK
010	073	1987	MAJESTIC
010	073	2024	MAXINE
010	073	2145	MORRIS
010	073	2174	MOUNT OLIVE
010	073	2222	NEW CASTLE
010	073	2392	PALOS
010	073	2495	PINSON
010	073	2523	PORT BIRMINGHAM
010	073	2525	POWHATAN
010	073	2526	PRACO
010	073	2527	PRATT CITY
010	073	2602	REPUBLIC
010	073	2713	SAYRE
010	073	2714	SAYRETON
010	073	2957	THERMAL
010	073	3020	TRAFFORD
010	073	3147	VIRGINIA
010	073	3180	WARRIOR
010	073	3313	WOODWARD
010	073	3315	WYLAM
010	093	0492	BRILLIANT
010	093	1367	GLEN ALLEN
010	093	1953	LYNN (WINSTON COUNTY)
010	093	3300	WINFIELD
010	115	0014	ACMAR
010	115	0503	BROOKSTON
010	115	2010	MARGARET
010	115	2320	ODENVILLE
010	117	0427	BOOTHTON
010	117	0725	COALMONT
010	117	1630	HELENA
010	117	2027	MAYLENE
010	117	2120	MONTEVALLO
010	117	2396	PARAMOUNT
010	117	2795	SILURIA
010	117	3085	UNDERWOOD
010	125	0011	ABERNANT
010	125	0506	BROOKWOOD
010	125	0724	COALING
010	125	1798	KELLERMAN
010	125	2226	NEW LEXINGTON
010	125	2260	NORTHPORT
010	125	2290	OAKMAN (WALKER COUNTY)
010	125	2428	PETERSON
010	125	2743	SEARLES
010	125	3050	TUSCALOOSA
010	125	3112	VANCE

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
010	127	0085	AMERICA
010	127	0227	BANKHEAD
010	127	0235	BARNEY
010	127	0314	BENOIT
010	127	0518	BURNWELL
010	127	0560	CARBON HILL
010	127	0780	CORDOVA
010	127	0920	DORA
010	127	1012	ELDRIDGE
010	127	1026	EMPIRE
010	127	1170	FLAT CREEK
010	127	1297	GAMBLE
010	127	1415	GORGAS
010	127	1780	JASPER
010	127	1959	MCCULLUM
010	127	2092	MINERAL SPRINGS
010	127	2200	NAUVOO
010	127	2290	OAKMAN
010	127	2400	PARRISH
010	127	2552	PROSPECT
010	127	2555	QUINTON
010	127	2711	SARAGOSSA
010	127	2805	SIPSEY
010	127	2890	SUMITON
010	127	2893	SUNLIGHT
010	127	3005	TOWNLEY
010	133	0134	ARLEY
010	133	1953	LYNN
010	133	2194	NATURAL BRIDGE
020	005	1035	HOUSTON
020	005	2000	PALMER
020	005	2475	SUTTON
020	014	0950	HEALY FORK
020	014	1492	LIGNITE
020	014	2470	SUNTRANA
040	001	0412	SALINA
040	005	0522	TONALEA
040	005	0528	TUBA CITY
040	017	0083	CHIN LE
040	017	0253	KAYENTA
040	017	0255	KEAMS CANYON
040	017	0333	ORAIBI
040	017	0528	TUBA CITY (COCONINO COUNTY)
040	017	0610	WINSLOW
050	047	0045	ALIX
050	047	0090	ALTUS
050	047	0750	CHARLESTON
050	047	1050	DENNING
050	047	3000	OZARK
050	071	0800	CLARKSVILLE
050	071	1770	HARTMAN

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
050	071	1968	HUNT
050	071	2675	MONTANA
050	071	3657	SPADRA
050	083	0866	CORBIN CITY
050	083	3050	PARIS
050	083	3252	PRAIRIE VIEW
050	083	3424	ROSEVILLE
050	115	0346	BERNICE
050	127	0240	BATES
050	131	0460	BONANZA
050	131	1303	EXCELSIOR
050	131	1370	FORT SMITH
050	131	1630	GREENWOOD
050	131	1690	HACKETT
050	131	1980	HUNTINGTON
050	131	2025	JENNY LIND
050	131	2640	MIDLAND
060	005	1710	IONE
080	007	0958	GATO
080	007	1968	PIEDRA
080	013	1390	LAFAYETTE
080	013	1540	LOUISVILLE
080	013	2400	SUPERIOR
080	029	0204	BOWIE
080	029	0340	CEDAREDGE
080	029	1950	PAONIA
080	029	2326	SOMERSET (GUNNISON COUNTY)
080	039	1616	MATHESON
080	041	0430	COLORADO SPRINGS
080	041	1975	PIKEVIEW
080	043	0250	BROOKSIDE
080	043	0310	CANON CITY
080	043	0400	COAL CREEK
080	043	0840	FLORENCE
080	043	2140	ROCKVALE
080	043	2570	WILLIAMSBURG
080	045	0320	CARBONDALE
080	045	0940	FRUITA (MESA COUNTY)
080	045	0990	GLENWOOD SPRINGS
080	045	1760	NEW CASTLE
080	045	2130	RIFLE
080	045	2134	RIO BLANCO (RIO BLANCO COUNTY)
080	045	2280	SILT
080	051	0119	BALDWIN
080	051	0490	CRESTED BUTTE
080	051	1835	OLIVER
080	051	2326	SOMERSET
080	055	0575	DELCARBON
080	055	1480	LA VETA
080	055	1568	MAITLAND
080	055	2045	PRYOR

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
080	055	2181	ROUSE
080	055	2432	TOLTEC
080	055	2500	WALSENBURG
080	057	0404	COALMONT
080	057	2430	WALDEN
080	059	1497	LEYDEN
080	067	0130	BAYFIELD
080	067	0650	DURANGO
080	067	1155	HESPERUS
080	067	1611	MARVEL
080	071	0010	AGUILAR
080	071	0192	BONCARBO
080	071	0410	COKEDALE
080	071	0570	DELAGUA
080	071	1559	LUDLOW
080	071	1715	MORLEY
080	071	2355	STARKVILLE
080	071	2440	TRINIDAD
080	071	2458	VALDEZ
080	071	2551	WESTON
080	077	0293	CAMEO
080	077	0940	FRUITA
080	077	1040	GRAND JUNCTION
080	077	1920	PALISADE
080	081	0116	AXIAL
080	081	0460	CRAIG
080	081	1118	HAMILTON
080	083	0450	CORTEZ
080	083	1580	MANCOS
080	085	1790	NUCLA
080	097	0320	CARBONDALE (GARFIELD COUNTY)
080	097	2105	REDSTONE
080	103	1630	MEEKER
080	103	2070	RANGELY
080	107	1150	HAYDEN
080	107	1655	MILNER
080	107	1732	MOUNT HARRIS
080	107	1810	OAK CREEK
080	107	1965	PHIPPSBURG
080	107	2620	YAMPA
080	113	1780	NORWOOD
080	123	0540	DACONO
080	123	0750	ERIE
080	123	0910	FREDERICK
080	123	1390	LAFAYETTE (BOULDER COUNTY)
130	055	1204	CLOUDLAND
130	083	2803	HOOKER
130	083	5560	TPENTON
130	295	1832	DURHAM
160	081	0410	DRIGGS
160	081	1810	TETONIA

BLANK PAGE

BLANK PAGE

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
170	001	4685	LA PRAIRIE
170	005	7050	POCAHONTAS
170	011	1640	CHERRY
170	011	8230	SPRING VALLEY
170	021	4080	HUMPHREY
170	021	4480	KINCAID
170	021	4676	LANGLEYVILLE
170	021	6700	PANA
170	021	7995	SICILY
170	021	8520	TAYLORVILLE
170	027	0600	BECKEMEYER
170	027	0960	BREESE
170	041	5948	MURDOCK
170	047	0050	ALBION
170	055	0760	BENTON
170	055	1140	BUCKNER
170	055	1210	BUSH
170	055	1470	CHRISTOPHER
170	055	1868	COELLO
170	055	3210	FREEMANSPUR
170	055	6590	ORIENT
170	055	7590	ROYALTON
170	055	7870	SESSER
170	055	8780	VALIER
170	055	9230	WEST FRANKFORT
170	055	9640	ZEIGLER
170	057	0390	ASTORIA
170	057	0493	BANNER
170	057	1120	BRYANT
170	057	1320	CANTON
170	057	2110	CUBA
170	057	2960	FAIRVIEW
170	057	3000	FARMINGTON
170	057	3004	FIATT
170	057	5537	MIDDLEGROVE
170	057	6250	NORRIS
170	057	7650	SAINT DAVID
170	057	8415	SUMMUM
170	057	8850	VERMONT
170	059	7900	SHAWNEETOWN
170	063	5750	MORRIS
170	063	8190	SOUTH WILMINGTON
170	063	8859	VERONA
170	073	0130	ALPHA
170	073	0410	ATKINSON
170	073	4450	KEWANEE
170	077	1350	CARBONDALE
170	077	2320	DE SOTO
170	077	2430	DOWELL
170	077	2730	ELKVILLE
170	077	3676	HALLIDAYBORO

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
170	077	5950	MURPHYSBORO
170	077	8830	VERGENNES
170	081	0660	BELLE RIVE
170	081	5994	MASON
170	081	8950	WALTONVILLE
170	087	2020	CREAL SPRINGS
170	087	6083	NEW BURNSIDE
170	091	2858	ESSEX
170	095	4540	KNOXVILLE
170	095	8870	VICTORIA
170	099	1485	CEDAR POINT
170	099	5970	NAPLATE
170	099	6630	OTTAWA
170	099	6900	PERU
170	105	2910	FAIRBURY
170	107	4840	LINCOLN
170	115	2250	DECATUR
170	117	1360	CARLINVILLE
170	117	3350	GILLESPIE
170	117	3370	GIRARD
170	117	5860	MOUNT OLIVE
170	117	8250	STAUNTON
170	117	8920	VIRDEN
170	119	1910	COLLINSVILLE
170	119	2640	EDWARDSVILLE
170	119	4890	LIVINGSTON
170	119	9330	WILLIAMSON
170	121	4340	JUNCTION CITY
170	121	7740	SANDOVAL
170	123	8200	SPARLAND
170	129	3630	GREENVIEW
170	131	6164	NEW WINDSOR
170	131	8910	VIOLA
170	135	1870	COFFEEN
170	135	2990	FARMERSVILLE
170	135	3930	HILLSBORO
170	135	6210	NOKOMIS
170	135	6710	PANAMA
170	135	9490	WITT
170	143	0550	BARTONVILLE
170	143	2636	EDWARDS
170	143	3390	GLASFORD
170	143	3720	HAVANA CITY
170	143	4705	LAURA
170	143	5212	MAPLETON
170	143	8727	TRIVOLI
170	145	1300	CAMPBELL HILL (JACKSON COUNTY)
170	145	1990	COULTERVILLE (RANDOLPH COUNTY)
170	145	2130	CUTLER
170	145	2470	DU QUOIN
170	145	6960	PINCKNEYVILLE

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
170	145	8380	TAMAROA
170	151	3460	GOLCONDA
170	157	1990	COULTERVILLE
170	157	2618	EDEN
170	157	5260	MARISSA
170	157	6890	PERCY
170	157	8210	SPARTA
170	163	0670	BELLEVILLE
170	163	1910	COLLINSVILLE
170	163	2610	EAST SAINT LOUIS
170	163	3200	FREEBURG
170	163	4730	LEBANON
170	163	4770	LENZBURG
170	163	5260	MARISSA
170	163	5340	MASCOUTAH
170	163	5600	MILLSTADT
170	163	6460	O FALLON
170	163	8430	SWANSEA
170	165	1400	CARRIERS MILLS
170	165	2680	ELDORADO
170	165	3738	HARCO
170	165	3750	HARRISBURG
170	165	3855	HEROD (POPE COUNTY)
170	165	4734	LEDFORD
170	165	5250	MARION
170	165	7900	SHAWNEETOWN (GALLATIN COUNTY)
170	165	8330	STONEFORT
170	165	9044	WASSON
170	167	0440	AUBURN
170	167	1325	CANTRALL
170	167	7360	RIVERTON
170	167	8220	SPRINGFIELD
170	169	4410	KEENSBURG
170	169	7033	PLEASANT VIEW
170	169	7600	RUSHVILLE
170	173	5920	MOWEAQUA
170	175	9600	WYOMING
170	179	2600	EAST PEORIA
170	179	6840	PEKIN
170	183	1470	CATLIN
170	183	2220	DANVILLE
170	183	3320	GEORGETOWN
170	183	6420	OAKWOOD
170	183	8610	TILTON
170	183	9280	WESTVILLE
170	185	4410	KEENSBURG
170	189	1510	CENTRALIA (MARION COUNTY)
170	189	2447	DUBOIS
170	189	5990	NASHVILLE
170	189	8815	VENEDY
170	193	6260	NORRIS CITY

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
170	197	0950	BRAIDWOOD
170	197	2858	ESSEX (KANKAKEE COUNTY)
170	197	9390	WILMINGTON
170	199	1280	CAMBRIA
170	199	1400	CARRIERS MILLS (SALINE COUNTY)
170	199	1420	CARTERVILLE
170	199	2005	CRAB ORCHARD
170	199	2820	ENERGY
170	199	3210	FREEMANSPUR
170	199	3870	HERRIN
170	199	4290	JOHNSTON CITY
170	199	5250	MARION
170	199	6980	PITTSBURG
170	199	8330	STONEFORT (SALINE COUNTY)
170	199	9640	ZEIGLER (FRANKLIN COUNTY)
170	203	5250	MARION
170	203	5640	MINONK
180	021	0460	BRAZIL
180	021	0770	CENTER POINT
180	021	0880	CLAY CITY
180	021	0958	COALMONT
180	021	2167	HOWESVILLE
180	021	4710	STAUNTON
180	027	4000	PLAINVILLE
180	045	2360	KINGMAN
180	051	0588	BUCKSKIN
180	051	2815	MACKEY
180	051	3690	OAKLAND CITY
180	051	4060	PRINCETON
180	051	4570	SOMERVILLE
180	055	2250	JASONVILLE
180	055	2433	KOLEEN
180	055	2690	LINTON
180	055	2810	LYONS
180	055	3023	MIDLAND
180	055	4360	SANDBORN (KNOX COUNTY)
180	055	4800	SWITZ CITY
180	055	5022	VICKSBURG
180	083	0340	BICKNELL
180	083	0575	BRUCEVILLE
180	083	4360	SANDBORN
180	083	5030	VINCENNES
180	083	5260	WHEATLAND
180	119	0956	COAL CITY
180	121	0690	CARBON
180	125	0186	ARTHUR
180	125	0225	AUGUSTA
180	125	0735	CATO
180	125	2698	LITTLE
180	125	3950	PETERSBURG
180	125	4705	STENDAL

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
180	125	5390	WINSLOW
180	147	0830	CHRISNEY
180	147	2537	LAMAR
180	147	2846	MARIAH HILL
180	153	0700	CARLISLE
180	153	1240	DUGGER
180	153	1510	FARMERSBURG
180	153	1807	GLENDORA
180	153	2200	HYMERA
180	153	4008	PLEASANTVILLE
180	153	4460	SHELBURN
180	153	4750	SULLIVAN
180	163	1480	EVANSVILLE
180	165	0769	CENTENARY
180	165	1150	DANA
180	165	4361	SANDYTOWN
180	165	4940	UNIVERSAL
180	165	5155	WEST CLINTON
180	167	0352	BLACKHAWK
180	167	0955	COAL BLUFF
180	167	1554	FONTANET
180	167	3475	NEW GOSHEN
180	167	4140	RILEY
180	167	4410	SEELYVILLE
180	167	4840	TERRE HAUTE
180	167	5230	WEST TERRE HAUTE
180	173	0410	BOONVILLE
180	173	0795	CHANDLER
180	173	1380	ELBERFELD
180	173	2800	LYNNVILLE
180	173	3062	MILLERSBURG
180	173	3430	NEWBURGH
180	173	4830	TENNYS N
180	173	5462	YANKEETOWN
190	007	1002	BRAZIL
190	007	1370	CENTERVILLE
190	007	2830	EXLINE
190	007	5940	MYSTIC
190	007	6230	NUMA
190	007	7050	RATHBUN
190	015	0930	BOONE
190	049	3390	GRANGER
190	049	8820	WAUKEE
190	051	2960	FLORIS
190	099	1710	COLFAX
190	117	9160	WILLIAMSON
190	123	1140	BUSSEY (MARION COUNTY)
190	123	3036	FOSTERDALE
190	123	3246	GIVIN
190	123	6440	OSKALOOSA
190	123	6650	PELLA (MARION COUNTY)

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
190	125	0465	ATTICA
190	125	1140	BUSSEY
190	125	2954	FLAGLER
190	125	3590	HAMILTON
190	125	4380	KNOXVILLE
190	125	4940	LOVILIA (MONROE COUNTY)
190	125	5360	MARYSVILLE
190	125	6468	OTLEY
190	125	6675	PERSHING
190	135	0100	ALBIA
190	135	4940	LOVILIA
190	135	5416	MAXON
190	135	5490	MELROSE
190	135	6440	OSKALOOSA (MAHASKA COUNTY)
190	145	1540	CLARINDA
190	153	2260	DES MOINES
190	153	3490	GRIMES
190	153	8550	URBANDALE
190	173	6060	NEW MARKET
190	177	0910	BONAPARTE
190	177	2620	ELDON (WAPELLO COUNTY)
190	179	0840	BLAKESBURG
190	179	1490	CHILLICOTHE
190	179	2620	ELDON
190	179	4340	KIRKVILLE
190	179	5916	MUNTERVILLE
190	181	1230	CARLISLE
190	181	6405	ORILLIA
190	185	6940	PROMISE CITY
190	187	3020	FORT DODGE
200	011	1984	GARLAND
200	021	2245	HALLOWELL
200	021	4940	SCAMMON
200	021	5720	WEIR
200	021	5760	WEST MINERAL
200	037	0190	ARCADIA
200	037	0230	ARMA
200	037	0920	CHEROKEE
200	037	1843	FOX TOWN
200	037	1852	FRANKLIN
200	037	1890	FRONTENAC
200	037	3734	MONMOUTH
200	037	3850	MULBERRY
200	037	4460	PITTSBURG
200	037	4634	RADLEY
200	037	5760	WEST MINERAL (CHEROKEE COUNTY)
200	037	6009	YALE
200	103	2958	LANCING
200	107	2920	LA CYGNE
200	107	4560	PRESCOTT
200	139	4210	OSAGE CITY

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
211	013	0108	ARJAY
211	013	0157	BALKAN
211	013	0281	BEVERLY
211	013	0302	BLACK SNAKE
211	013	0306	BLANCHE
211	013	0512	CALVIN
211	013	0553	CAPITO
211	013	0556	CARDINAL
211	013	0594	CARY
211	013	0655	CHENOA
211	013	0735	COLMAR
211	013	0844	FORK RIDGE (TENNESSEE)
211	013	1122	FERNDALE
211	013	1125	FIELD
211	013	1155	FONDE
211	013	1213	FOURMILE
211	013	1638	HULEN
211	013	1683	INSULL (HARLAN COUNTY)
211	013	1762	KAYJAY (KNOX COUNTY)
211	013	1788	KETTLE ISLAND
211	013	2220	MIDDLESBORO
211	013	2650	PINEVILLE
211	013	2710	PRUDEN
211	013	3198	STONEY FORK
211	013	3200	STRAIGHT CREEK
211	013	3277	TINSLEY
211	013	3345	VARILLA
211	019	0120	ASHLAND
211	019	0557	CANNONSBURG
211	019	0610	CATLETTSBURG
211	019	0725	COALTON
211	019	1274	GARNER
211	019	2688	PRINCESS
211	019	2797	RUSH
211	025	0115	ARY
211	025	0283	BETHANY
211	025	0702	CLAYHOLE
211	025	1067	EVANSTON
211	025	1364	GUAGE
211	025	1720	JACKSON
211	025	1765	KECK
211	025	1887	LAMBRIC
211	025	2362	NED
211	025	2670	PRESTONSBURG (FLOYD COUNTY)
211	025	2786	ROUSSEAU
211	025	3333	VANCLEVE
211	025	3435	WATTS
211	025	3511	WHICK
211	025	3605	WILSTACY
211	043	0590	CARTER
211	043	1319	GRAHN

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
211	043	1330	GRAYSON
211	043	1593	HITCHINS
211	043	1752	JERIEL
211	043	1793	KILGORE
211	043	2480	OLIVE HILL
211	043	2797	RUSH (BOYD COUNTY)
211	043	3570	WILLARD
211	051	0119	ASHERS FORK
211	051	0275	BERNICE
211	051	0287	BIG CREEK
211	051	0373	BRIGHTSHADE
211	051	0412	BRUTUS
211	051	0459	BURNING SPRINGS
211	051	0666	CHESTNUTBURG
211	051	1277	GARRARD
211	051	1314	GOOSEROCK
211	051	1322	GRACE
211	051	1493	HECTOR
211	051	1577	HIMA
211	051	1719	JACKS CREEK
211	051	2160	MANCHESTER
211	051	2484	ONEIDA
211	051	2535	PIGEONROOST
211	051	2656	PORTERSBURG
211	051	2713	QUEENDALE
211	051	3007	SIDELL
211	051	3008	SIBERT
211	051	3318	URBAN
211	053	0040	ALBANY
211	053	0087	ALPHA
211	063	0151	AULT
211	063	0411	BRUIN
211	063	1593	HITCHINS (CARTER COUNTY)
211	065	1690	IRVINE
211	071	0060	ALLEN
211	071	0093	AMBA
211	071	0153	AUXIER
211	071	0209	BEAVER
211	071	0279	BEVINSVILLE
211	071	0285	BETSY LAYNE
211	071	0336	BONANZA
211	071	0482	BYPRO
211	071	0967	DAVID
211	071	0947	DRIFT
211	071	0965	EASTERN
211	071	0966	EAST MCDOWELL
211	071	1041	EMMA
211	071	1279	GARRETT
211	071	1321	GOODLOE
211	071	1361	GRETHEL
211	071	1426	HAROLD

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
211	071	1563	HI HAT
211	071	1594	HITE
211	071	1615	HONAKER
211	071	1637	HUEYSVILLE
211	071	1639	HUNTER
211	071	1715	IVEL
211	071	1850	LACKEY
211	071	1893	LANCER
211	071	1896	LANGLEY
211	071	2001	LIGON
211	071	2129	MCDOWELL
211	071	2164	MANTON
211	071	2180	MARTIN
211	071	2215	MELVIN
211	071	2250	MINNIE
211	071	2496	ORKNEY
211	071	2488	OSBORN
211	071	2670	PRESTONSBURG
211	071	2683	PRICE
211	071	2692	PRINTER
211	071	2752	RISNER
211	071	3241	TEABERRY
211	071	3287	TRAM
211	071	3450	WAYLAND
211	071	3460	WEEKSBURY
211	071	3510	WHEELWRIGHT
211	089	0120	ASHLAND (BOYD COUNTY)
211	089	1129	FLATWOODS
211	095	0090	ALVA
211	095	0156	BAILEYS CREEK
211	095	0163	BARDO
211	095	0258	BEHAM
211	095	0305	BLAIR
211	095	0314	BLEDSOE
211	095	0332	BOBS CREEK
211	095	0388	CALVIN (VIRGINIA)
211	095	0394	BROOKSIDE
211	095	0630	CAWOOD
211	095	0668	CHEVROLET
211	095	0715	CLOSPLINT
211	095	0722	COALGOOD
211	095	0805	COXTON
211	095	0811	CRANKS
211	095	0837	CRUMMIES
211	095	0840	CUMBERLAND
211	095	0911	DIZNEY
211	095	1070	EVARTS
211	095	1329	GRAYS KNOB
211	095	1376	KEOKEE (VIRGINIA)
211	095	1420	HARLAN
211	095	1560	HIGHSPLINT

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
211	095	1605	HOLMES MILL
211	095	1780	KENVIR
211	095	1820	KITTS
211	095	1945	LEJUNIOR
211	095	1950	LENARUE
211	095	2000	LIGGETT
211	095	2070	LOUELLEN
211	095	2095	LOW
211	095	2120	LYNCH
211	095	2150	SAINT CHARLES (VIRGINIA)
211	095	2193	MARY ALICE
211	095	2194	MARY HELEN
211	095	2258	MOLUS
211	095	2425	NOLANSBURG
211	095	2572	PATHFORK
211	095	3038	SMITH
211	095	3273	THREE POINT
211	095	3285	TOTZ
211	095	3302	TWAY
211	095	3350	VERDA
211	095	3390	WALLINS CREEK
211	095	3910	YANCEY
211	109	2135	MCKEE
211	109	2160	MANCHESTER (CLAY COUNTY)
211	109	2882	SANDGAP
211	109	3403	WANETA
211	115	0342	BOONS CAMP
211	115	1375	HAGERHILL
211	115	1902	LEANDER
211	115	2097	LOMANSVILLE (LAWRENCE COUNTY)
211	115	2211	MEALLY
211	115	2415	NIPPA
211	115	2468	OIL SPRINGS
211	115	2530	PAINTSVILLE
211	115	2734	REDBUSH
211	115	2745	RICEVILLE
211	115	2755	RIVER
211	115	2768	ROCKHOUSE
211	115	3024	SITKA
211	115	3167	STAFFORDSVILLE
211	115	3169	STAMBAUGH
211	115	3246	THEALKA
211	115	3299	TUTOR KEY
211	115	3340	VAN LEAR
211	115	3514	WHITEHOUSE
211	115	3606	WITTENSVILLE
211	119	0095	AMBURGEY
211	119	0101	ANCO
211	119	0115	ARY (PERRY COUNTY)
211	119	0193	BATH
211	119	0375	BRINKLEY

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
211	119	0568	CARRIE
211	119	0727	CODY
211	119	0745	COLSON (LETCHER COUNTY)
211	119	0774	CORDIA
211	119	0934	DRY CREEK
211	119	0951	DWARF (PERRY COUNTY)
211	119	1042	EMMALENA
211	119	1127	FISTY
211	119	1378	HALL
211	119	1386	HANDSHOE
211	119	1396	HARDBURLY (PERRY COUNTY)
211	119	1590	HINDMAN
211	119	1603	HOLLYBUSH
211	119	1712	ISOM (LETCHER COUNTY)
211	119	1818	KITE
211	119	1825	KODAK
211	119	1826	KONA (LETCHER COUNTY)
211	119	1850	LACKEY (FLOYD COUNTY)
211	119	1898	LARKSLANE
211	119	2008	LITTCARR
211	119	2155	MALLIE
211	119	2336	MOUSIE
211	119	2364	VEST
211	119	2483	OMAHA
211	119	2649	PINE TOP
211	119	2728	RAVEN
211	119	2732	REDFOX
211	119	2753	RITCHIE
211	119	2887	SASSAFRAS
211	119	3058	SMITHSBORO
211	119	3153	SPIDER
211	119	3236	TALCUM
211	119	3265	TOPMOST
211	119	3364	VEST
211	119	3368	VICCO (PERRY COUNTY)
211	119	3450	WAYLAND (FLOYD COUNTY)
211	119	3510	WHEELWRIGHT (FLOYD COUNTY)
211	119	3530	WHITESBURG (LETCHER COUNTY)
211	121	0113	ARTEMUS
211	121	0160	BARBOURVILLE
211	121	0413	BRYANTS STORE
211	121	0898	DEWITT
211	121	1035	ELYS
211	121	1128	FLAT LICK
211	121	1213	FOURMILE (BELL COUNTY)
211	121	1283	GAUSDALE (WHITLEY COUNTY)
211	121	1328	GRAY
211	121	1384	HAMMOND
211	121	1762	KAYJAY
211	121	2779	ROCKHOLDS (WHITLEY COUNTY)
211	121	3012	SILER (WHITLEY COUNTY)

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
211	121	3198	STONEY FORK (BELL COUNTY)
211	121	3295	TROSPER
211	121	3648	WOODBINE (WHITLEY COUNTY)
211	125	0277	BERNSTADT
211	125	0303	BLACKWATER
211	125	0720	CORBIN (WHITLEY COUNTY)
211	125	0954	EAST BERNSTADT
211	125	2040	LONDON
211	125	2659	PITTSBURG
211	125	2666	PORTERSBURG (CLAY COUNTY)
211	127	0012	ADAMS
211	127	0304	BLAINE
211	127	0476	BUSSEYVILLE
211	127	0661	CHAPMAN
211	127	1928	LEDOCIO
211	127	2080	LOUISA
211	127	2097	LOWMANSVILLE
211	127	2746	RICHARDSON
211	127	3456	WEBBVILLE
211	127	3514	WHITEHOUSE (JOHNSON COUNTY)
211	127	3815	YATESVILLE
211	129	0200	BEATTYVILLE
211	129	1652	IDAMAY
211	131	0117	ASHER
211	131	0154	AVAWAM (PERRY COUNTY)
211	131	0198	BEAR BRANCH
211	131	0281	BEVERLY (CLAY)
211	131	0269	BIG FORK
211	131	0314	BLEDSOE
211	131	0674	CINDA
211	131	1253	FREW
211	131	1504	HELTON
211	131	1633	HOSKINSTON
211	131	1650	HYDEN
211	131	2160	MANCHESTER (CLAY)
211	131	2338	MOZELLE
211	131	2667	PREMIUM (LETCHER)
211	131	2758	ROARK
211	131	2768	ROCKHOUSE
211	131	2896	SAYLOR
211	131	3025	SIZEROCK
211	131	3036	SMILAX
211	131	3196	STINNETT
211	131	3473	WENDOVER
211	131	3687	WOOTON
211	133	0236	BELCRAFT
211	133	0290	BLACKEY
211	133	0745	COLSON
211	133	0833	CROMONA
211	133	0836	CROWN
211	133	0840	CUMBERLAND (HARLAN COUNTY)

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
211	133	0881	DEANE
211	133	0915	DONGOLA
211	133	0935	DUNHAM
211	133	0936	DRY FORK
211	133	0953	DUNHAM
211	133	1047	EOLIA
211	133	1052	ERMINE
211	133	1130	FLEMING
211	133	1306	GILLEY
211	133	1314	GORDON
211	133	1379	HALLIE
211	133	1635	HOT SPOT
211	133	1712	ISOM
211	133	1718	JACKHORN
211	133	1750	JENKINS
211	133	1751	JEREMIAH
211	133	1796	KINGS CREEK
211	133	1826	KONA
211	133	1857	PARDEE (VIRGINIA)
211	133	1956	LETCHER
211	133	2007	LINEFORK
211	133	2139	MCROBERTS
211	133	2205	MAYKING
211	133	2243	MILLSTONE
211	133	2370	NEON
211	133	2571	PARTRIDGE
211	133	2576	PAYNE GAP
211	133	2667	PREMIUM
211	133	2788	ROXANA
211	133	2930	SECO
211	133	3028	SKYLINE
211	133	3095	SOUTHDOWN
211	133	3305	ULVAH
211	133	3329	VAN
211	133	3513	WHITCO
211	133	3530	WHITESBURG
211	147	0335	BLUE HERON
211	147	0768	CO OPERATIVE
211	147	1358	GREENWOOD
211	147	1572	HILL TOP
211	147	1604	HOLLYHILL
211	147	2175	MARSHES SIDING
211	147	2515	OZ
211	147	2555	PARKERS LAKE
211	147	2648	PINE KNOT
211	147	3192	STEARNS
211	147	3222	STRUNK
211	147	3545	WHITLEY CITY
211	147	3689	WORLEY
211	147	3800	YAMACRAW
211	153	0593	CARVER

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
211	153	1368	GUNLOCK
211	153	2118	LYKINS
211	153	2789	ROYALTON
211	153	2870	SALYERSVILLE
211	153	2945	SEITZ
211	159	0205	BEAUTY
211	159	0866	DAVELLA
211	159	1360	KERMIT (WEST VIRGINIA)
211	159	1445	HATFIELD (PIKE COUNTY)
211	159	2092	LOVELY
211	159	2642	PILGRIM
211	159	3410	WARFIELD
211	161	2210	MAYSVILLE
211	175	0558	CANNEL CITY
211	175	0822	CROCKETT
211	175	0907	DINGUS
211	175	1498	HELECHAWA (WOLFE COUNTY)
211	175	2158	MALONE
211	175	2734	RELIEF
211	189	0340	BOONEVILLE
211	189	1337	GREEN HALL
211	193	0053	ALLAIS
211	193	0080	ALLOCK
211	193	0115	ARY
211	193	0154	AVAWAM
211	193	0290	BLACKEY (LETCHER COUNTY)
211	193	0330	BLUE DIAMOND
211	193	0341	BONNYMAN
211	193	0406	BROWNS FORK
211	193	0418	BUCKHORN
211	193	0430	BULAN
211	193	0477	BUSY
211	193	0663	CHAVIES
211	193	0756	COMBS
211	193	0787	CORNETTSVILLE
211	193	0855	DAISY
211	193	0863	DARFORK
211	193	0884	DEFIANCE
211	193	0894	DELPHIA
211	193	0905	DIABLOCK
211	193	0906	DICE
211	193	0951	DWARF
211	193	0954	DUNRAVEN
211	193	1045	ENGLE
211	193	1102	FARLER
211	193	1215	FOURSEAM
211	193	1273	FUSONIA
211	193	1285	GAYS CREEK
211	193	1392	HAPPY
211	193	1396	HARDBURLY
211	193	1442	HARVEYTON

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
211	193	1470	HAZARD
211	193	1739	JEFF
211	193	1825	KODAK
211	193	1885	LAMONT
211	193	1904	LEATHERWOOD
211	193	2060	LOTHAIR
211	193	2787	ROWDY
211	193	2891	SAUL
211	193	2912	SCUDDY
211	193	3034	SLEMP
211	193	3275	TILFORD
211	193	3292	TRIBBEY
211	193	3368	VICCO
211	193	3372	VIPER
211	193	3474	WENTZ
211	195	0025	AFLEX
211	195	0106	ARGO
211	195	0118	ASHCAMP
211	195	0240	BELFRY
211	195	0283	BORDERLAND (WEST VIRGINIA)
211	195	0288	BIGGS
211	195	0334	BOLDMAN
211	195	0462	BURNWELL
211	195	0547	CANADA
211	195	0667	CHLOE
211	195	0916	DORTON
211	195	0925	DRAFFIN
211	195	0936	DRY FORK
211	195	0952	DUNLAP
211	195	1010	ELKHORN CITY
211	195	1055	ESCO
211	195	1105	FEDSCREEK
211	195	1243	FREEBURN
211	195	1315	GOCDY
211	195	1366	GULNARE
211	195	1414	HARDY
211	195	1442	HARTLEY
211	195	1445	HATFIELD
211	195	1500	HELLIER
211	195	1636	HUDDY
211	195	1700	MATEWAN (WEST VIRGINIA)
211	195	1715	IVEL (FLOYD COUNTY)
211	195	1750	JENKINS (LETCHER COUNTY)
211	195	1795	KIMPER
211	195	1922	LECKIEVILLE
211	195	1945	NOLAN (WEST VIRGINIA)
211	195	1992	LICK CREEK
211	195	2004	LIONELLI
211	195	2050	LOOKOUT
211	195	2127	MCANDREWS
211	195	2128	MCCARR

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
211	195	2140	MC VEIGH
211	195	2154	MAJESTIC
211	195	2175	MARROWBONE
211	195	2217	META
211	195	2234	MILLARD
211	195	2337	MOUTHCARD
211	195	2352	MYRA
211	195	2367	NELSE
211	195	2512	ONSLEY
211	195	2620	PHELPS
211	195	2634	PIGEON
211	195	2637	PHYLLIS
211	195	2640	PIKEVILLE
211	195	2718	RACCOON
211	195	2725	RANSOM
211	195	2733	REGINA
211	195	2757	ROBINSON CREEK
211	195	2768	ROCKHOUSE
211	195	2979	SHELBIANA
211	195	2981	SHELBY GAP
211	195	3009	SIDNEY
211	195	3140	SOUTH WILLIAMSON
211	195	3152	SPEIGHT
211	195	3193	STEELE
211	195	3197	STONE
211	195	3199	STOPOVER
211	195	3282	TOMERVILLE
211	195	3298	TURKEY CREEK
211	195	3347	VARNEY
211	195	3377	VIRGIE
211	195	3388	WALES
211	195	3820	YEAGER
211	195	3950	ZEBULON
211	199	0088	ALPINE
211	199	0102	AND
211	199	0460	BURNSIDE
211	199	2332	MOUNT VICTORY
211	199	3070	SOMERSET
211	199	3165	SQUIB
211	203	2295	MORRILL (JACKSON COUNTY)
211	203	2330	MOUNT VERNON
211	203	2487	ORLANDO
211	203	2884	SAND SPRINGS
211	231	0087	ALPHA (CLINTON COUNTY)
211	231	0769	COOPERSVILLE
211	231	2260	MONTICELLO
211	235	0565	CARPENTER
211	235	0770	CORBIN
211	235	1218	FRAKES (BELL COUNTY)
211	235	1280	GATLIFF
211	235	1283	GAUSDALE

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
211	235	1745	JELLICO
211	235	1757	JULIP
211	235	2301	MOUNTAIN ASH
211	235	2377	NEVISDALE
211	235	2578	PEARL
211	235	2661	PLEASANT VIEW
211	235	2779	ROCKHOLDS
211	235	2991	SAVOY
211	235	2892	SAXTON
211	235	3012	SILER
211	235	3580	WILLIAMSBURG
211	235	3648	WOODBINE
211	237	0540	CAMPTON
211	237	1490	HAZEL GREEN
212	031	0210	BEAVER DAM
212	031	1360	GREENVILLE
212	031	2280	MORGANFIELD
212	031	2290	MORGANTOWN
212	031	2702	PROVO
212	031	2760	ROCHESTER
212	031	3120	SOUTH HILL
212	047	0105	APEX
212	047	1043	EMPIRE
212	047	2163	MANNINGTON
212	047	2850	SAINT CHARLES (HOPKINS COUNTY)
212	059	1823	KNOTTSVILLE
212	059	2535	PANTHER
212	059	3321	UTICA
212	061	3233	SWEEDEN
212	091	1450	HAWESVILLE
212	091	1970	LEWISPORT
212	101	1510	HENDERSON
212	101	3055	SMITH MILLS
212	107	0103	ANTON
212	107	0286	BEULAH
212	107	0664	CHARLESTON
212	107	0857	DALTON
212	107	0859	DANIEL BOONE
212	107	0870	DAWSON SPRINGS
212	107	0960	EARLINGTON
212	107	1655	ILSLEY
212	107	2150	MADISONVILLE
212	107	2163	MANNINGTON (CHRISTIAN COUNTY)
212	107	2300	MORTONS GAP
212	107	2360	NEBO
212	107	2450	NORTONVILLE
212	107	2700	PROVIDENCE (WEBSTER COUNTY)
212	107	2747	RICHLAND
212	107	2850	SAINT CHARLES
212	107	3520	WHITE PLAINS
212	149	0230	BEECH GROVE

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
212	149	1710	ISLAND
212	149	2010	LIVERMORE
212	149	2454	NUCKOLS
212	177	0158	BANCROFT
212	177	0225	BEECH CREEK
212	177	0232	BEECHMONT
212	177	0255	BELTON
212	177	0282	BEVIER
212	177	0404	BROWDER
212	177	0650	CENTRAL CITY
212	177	0706	CLEATON
212	177	0930	DRAKESBORO
212	177	0958	EARLES
212	177	1318	GRAHAM
212	177	1360	GREENVILLE
212	177	2115	LUZERNE
212	177	2150	MADISONVILLE (HOPKINS COUNTY)
212	177	2586	PENROD
212	177	2665	POWDERLY
212	177	3090	SOUTH CARROLLTON
212	183	0209	BEAVER DAM
212	183	0210	BEAVER DAM
212	183	0425	BUFORD
212	183	0640	CENTERTOWN
212	183	0834	CROMWELL
212	183	1160	FORDSVILLE
212	183	1440	HARTFORD
212	183	1628	HORSE BRANCH
212	183	1632	HORTON
212	183	2130	MCHENRY
212	183	2668	PRENTISS
212	183	2760	ROCHESTER (BUTLER COUNTY)
212	183	2770	ROCKPORT
212	225	0898	DE KOVEN
212	225	2280	MORGANFIELD
212	225	3230	STURGIS
212	225	3232	SULLIVAN
212	225	3310	UNIONTOWN
212	225	3500	WHEATCROFT (WEBSTER COUNTY)
212	233	0690	CLAY
212	233	2700	PROVIDENCE
212	233	3500	WHEATCROFT
240	001	0075	BARRELVILLE
240	001	0080	BARTON
240	001	0246	CARLOS
240	001	0490	ECKHART MINES
240	001	0579	FRANKLIN
240	001	0600	FROSTBURG
240	001	0665	GILMORE
240	001	0873	KLONDIKE
240	001	0950	LONACONING

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
240	001	1010	MIDLAND
240	001	1012	MIDLOTHIAN
240	001	1070	MOUNT SAVAGE
240	001	1625	VALE SUMMIT
240	001	1660	WESTERNPORT
240	023	0020	ACCIDENT
240	023	0080	BARTON (ALLEGANY COUNTY)
240	023	0145	BITTINGER
240	023	0155	BLOOMINGTON
240	023	0160	BAYARD (WEST VIRGINIA)
240	023	0420	DEER PARK
240	023	0590	FRIENDSVILLE
240	023	0695	GORMAN
240	023	0700	GRANTSVILLE
240	023	0833	JENNINGS
240	023	0870	KITZMILLER
240	023	0950	LONACONING (ALLEGANY COUNTY)
240	023	1040	MOUNTAIN LAKE PARK
240	023	1348	KEMPTON (WEST VIRGINIA)
240	023	1389	SANG RUN
240	023	1429	SHALLMAR
240	023	1527	SWANTON
240	023	1632	VINDEX
240	023	1660	WESTERNPORT (ALLEGANY COUNTY)
260	017	0320	BAY CITY
260	063	4510	SEBEWAING
260	111	3240	MIDLAND
260	145	4350	SAGINAW
260	145	4360	SAINT CHARLES
260	155	2759	LENNON
260	155	3550	NEW LOTHROP
260	157	4960	UNIONVILLE
290	001	5830	NOVINGER
290	001	8557	YOUNGSTOWN
290	011	5240	MINDENMINES
290	011	5535	NASHVILLE
290	011	5995	OSKALOOSA
290	013	0180	AMSTERDAM
290	013	2860	FOSTER
290	013	3840	HUME
290	013	8500	WORLAND
290	019	1800	COLUMBIA
290	027	2960	FULTON
290	027	5223	MILLERSBURG
290	027	7524	STEPHENS
290	027	9999	UNKNOWN
290	047	2600	EXCELSIOR SPRINGS
290	047	5430	MOSBY
290	061	8460	WINSTON
290	083	1290	CALHOUN
290	083	1750	CLINTON

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
290	083	2120	DEEPWATER
290	083	3535	HARTWELL
290	083	5360	MONTROSE
290	083	8430	WINDSOR
290	089	3650	HIGBEE
290	101	0926	BOWEN
290	101	4500	LEETON
290	107	3660	HIGGINSVILLE
290	107	4550	LEXINGTON
290	115	1090	BROOKFIELD
290	115	1140	BUCKLIN
290	121	0710	BEVIER
290	121	2594	EXCELLO
290	121	4840	MACON
290	171	7890	UNIONVILLE
290	171	9999	UNKNOWN
290	175	3650	HIGBEE
290	175	3990	JACKSONVILLE
290	175	5270	MOBERLY
290	175	7722	THOMAS HILL
290	177	2500	ELMIRA
290	177	2600	EXCELSIOR SPRINGS (CLAY COUNTY)
290	177	6640	RAYVILLE
290	177	6770	RICHMOND
290	177	8020	VIBBARD
290	185	0250	APPLETON CITY
290	217	0345	ARTHUR
290	217	1080	BRONAUGH
290	217	2578	EVE
290	217	5470	MOUNDVILLE
290	217	5985	OSKALOOSA (BARTON COUNTY)
290	217	8080	WALKER
300	003	0175	BUSBY
300	003	0315	DECKER
300	003	0550	HARDIN
300	005	0220	CHINOOK
300	009	0050	BEARCREEK
300	009	0140	BRIDGER
300	009	0470	FROMBERG
300	009	0970	RED LODGE
300	013	0070	BELT
300	013	0190	CASCADE
300	013	0200	CENTERVILLE
300	013	1037	SAND COULEE
300	013	1104	STOCKETT
300	015	0080	BIG SANDY
300	017	0820	MILES CITY
300	021	0500	GLENDIVE
300	027	1280	WINIFRED
300	029	0260	COLUMBIA FALLS

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
300	041	0580	HAVRE
300	065	0810	MELSTONE
300	065	1000	ROUNDUP
300	075	0022	ASHLAND (ROSEBUD COUNTY)
300	075	0150	BROADUS
300	075	0397	EPSIE
300	079	1130	TERRY
300	083	0420	FAIRVIEW
300	083	1039	SAVAGE
300	083	1070	SIDNEY
300	087	0022	ASHLAND
300	087	0257	COLSTRIP
300	087	0695	LAME DEER
300	091	0255	COALRIDGE
320	009	0064	COALDALE
350	001	0119	CANONCITO
350	007	0220	DAWSON
350	007	0405	HEBRON
350	007	0456	KOEHLER
350	007	0660	RATON
350	027	0120	CAPITAN
350	031	0117	BRIMHALL
350	031	0215	CROWNPOINT
350	031	0340	GALLUP
350	031	0346	GAMERCO
350	031	0582	MENTMORE
350	031	0597	MEXICAN SPRINGS
350	031	0807	TOHATCHI
350	031	0880	ZUNI
350	039	0255	DULCE
350	039	0551	LUMBERTON
350	039	0603	MONERO
350	039	0805	TIERRA AMARILLA
350	043	0216	CUBA
350	043	0493	LA VENTANA
350	045	0310	FARMINGTON
350	045	0335	FRUITLAND
350	045	0413	HOGBACK
350	045	0468	LAPLATA
350	045	0618	NEWCOMB
350	045	0745	SHIPROCK
350	045	0811	TOADLENA
350	045	0867	WATERFLOW
350	049	0559	MADRID
350	053	0126	CARTHAGE
350	053	0694	SAN ANTONIO
350	061	0360	GRANTS
380	001	1127	HAYNES
380	001	1480	HAYNES
380	007	0800	DICKINSON (STARK COUNTY)
380	011	0410	BOWMAN

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
380	011	1200	GASCOYNE
380	013	0390	BOWBELLS
380	013	0660	COLUMBUS
380	013	1790	LARSON
380	015	3370	WILTON
380	023	2370	NOONAN
380	025	0800	DICKINSON (STARK COUNTY)
380	025	0860	DUNN CENTER
380	025	1360	HALLIDAY
380	025	1995	MANNING
380	033	0260	BEACH
380	037	1512	HEIL
380	037	2320	NEW LEIPZIG
380	041	2230	MOTT
380	041	2310	NEW ENGLAND
380	041	2650	REGENT
380	053	3280	WATFORD CITY
380	055	1190	GARRISON
380	055	3140	UNDERWOOD
380	057	0330	BEULAH-
380	057	1500	HAZEN
380	057	2960	STANTON
380	057	3450	ZAP
380	059	0060	ALMONT
380	059	1230	GLEN ULLIN
380	059	1510	HEBRON
380	059	2340	NEW SALEM
380	061	3330	WHITE EARTH
380	065	0600	CENTER
380	065	1113	FORT CLARK
380	065	2960	STANTON (MERCER COUNTY)
380	089	0800	DICKINSON
380	089	2925	SOUTH HEART
380	101	0465	BURLINGTON
380	101	1640	KENMARE
380	101	2840	SAWYER
380	101	3180	VELVA (MCHENRY COUNTY)
380	105	1410	HANKS
380	105	2620	RAY
380	105	3320	WHEELOCK
380	105	3350	WILLISTON
390	009	0160	AMESVILLE
390	009	0360	ATHENS
390	009	1323	CARBONDALE
390	009	1510	CHAUNCEY
390	009	3020	GLOUSTER
390	009	3750	JACKSONVILLE
390	009	5135	MILLFIELD
390	009	5520	NELSONVILLE
390	009	6212	ORBISTON (HOCKING COUNTY)
390	009	7457	SHARPSBURG

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
390	009	8040	THE PLAINS
390	013	0418	BAILEY MILLS
390	013	0455	BANNOCK
390	013	0470	BARNESVILLE
390	013	0495	BARTON
390	013	0540	BEALSVILLE
390	013	0580	BELLAIRE
390	013	0650	BELMONT
390	013	0760	BETHESDA
390	013	0797	BLAINE
390	013	0841	BLOOMINGDALE
390	013	1000	BRIDGEPORT
390	013	1060	BROOKSIDE
390	013	1772	COLERAIN
390	013	1948	CRESCENT
390	013	2422	EGYPT
390	013	2540	FAIRPOINT
390	013	2640	FLUSHING
390	013	2995	GLEN ROBBINS (JEFFERSON COUNTY)
390	013	3360	HARRISVILLE (HARRISON COUNTY)
390	013	3570	HOLLOWAY
390	013	3756	JACOBSBURG
390	013	3975	LAFFERTY
390	013	4055	LANSING
390	013	4780	MARTINS FERRY
390	013	4873	MAYNARD
390	013	5300	MORRISTOWN
390	013	5390	MOUNT PLEASANT (JEFFERSON COUNTY)
390	013	5500	NEFFS
390	013	6750	POWHATAN POINT
390	013	7200	SAINT CLAIRSVILLE
390	013	7402	SEWELLSVILLE
390	013	7410	SHADYSIDE
390	013	7505	SHEPARDSTOWN
390	013	7765	SPEIDEL
390	013	9220	YORKVILLE
390	019	0388	AUGUSTA
390	019	1360	CARROLLTON
390	019	1790	COLUMBIANA (COLUMBIANA COUNTY)
390	019	3323	HARLEM SPRINGS
390	019	4140	LEESVILLE
390	019	4255	LINDENTREE
390	019	4600	MAGNOLIA (STARK COUNTY)
390	019	4640	MALVERN
390	019	5170	MINERAL CITY (TUSCARAWAS COUNTY)
390	019	5180	MINERVA
390	019	5667	NEW HARRISBURGH
390	019	7280	SALINEVILLE (COLUMBIANA COUNTY)
390	019	7510	SHERRODSVILLE
390	019	8592	WATTSVILLE
390	029	1228	CALCUTTA

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
390	029	1643	CLARKSON
390	029	1790	COLUMBIANA
390	029	2370	EAST PALESTINE
390	029	2452	ELKTON
390	029	2710	FRANKLIN
390	029	2862	GAVERS
390	029	2963	GLASGOW
390	029	3310	HANOVERTON
390	029	3493	HIGHLANDTOWN
390	029	3593	HOMEWORTH
390	029	3878	KENSINGTON
390	029	4280	LISBON
390	029	5131	MILLPORT
390	029	5505	NEGLEY
390	029	5555	NEW ALEXANDER
390	029	7050	ROGERS
390	029	7260	SALEM
390	029	7280	SALINEVILLE
390	029	7555	SIGNAL
390	029	8265	UNITY
390	029	8680	WELLSVILLE
390	029	8845	WEST POINT
390	031	0410	BALTIC (TUSCARAWAS COUNTY)
390	031	0815	BLISSFIELD
390	031	1830	CONESVILLE
390	031	1920	COSHOCTON
390	031	2762	FRESNO
390	031	3704	ISETA
390	031	3965	KEENE
390	031	5924	NEW BEDFORD
390	031	6580	PLAINFIELD
390	031	7803	SPRING MOUNTAIN
390	031	8207	TYNDALL
390	031	8706	WEST BEDFORD
390	031	8760	WEST LAFAYETTE
390	053	1480	CHAMBERSBURG
390	053	1535	CHESHIRE
390	053	2810	GALLIPOLIS
390	053	4937	MERCERVILLE
390	053	7045	RODNEY
390	053	8460	VINTON
390	059	0788	BIRDS RUN
390	059	1200	BYESVILLE
390	059	1260	CAMBRIDGE
390	059	2010	CUMBERLAND
390	059	2453	ELIZABETHTOWN
390	059	3936	KIPLING
390	059	4351	LONDONDERRY
390	059	4370	LORE CITY
390	059	6590	PLEASANT CITY
390	059	6790	QUAKER CITY

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
390	059	7370	SENECAVILLE
390	059	7402	SEWELLSVILLE (BELMONT COUNTY)
390	067	0060	ADENA (JEFFERSON COUNTY)
390	067	0841	BLOOMINGDALE (JEFFERSON COUNTY)
390	067	0900	BOWERSTON
390	067	1210	CADIZ
390	067	2120	DEERSVILLE
390	067	2640	FLUSHING (BELMONT COUNTY)
390	067	2750	FREEPORT
390	067	2905	GERMANO
390	067	3360	HARRISVILLE
390	067	3600	HOPEDALE
390	067	3830	JEWETT
390	067	3892	KENWOOD
390	067	5580	NEW ATHENS
390	067	6523	PIEDMONT
390	067	7535	SHORT CREEK
390	067	8245	UNIONVALE
390	073	4340	LOGAN
390	073	5389	MOUNT PLEASANT
390	073	5450	MURRAY CITY
390	073	5520	NELSONVILLE (ATHENS COUNTY)
390	073	5810	NEW STRAITSVILLE (PERRY COUNTY)
390	073	7825	STARR
390	073	8232	UNION FURNACE
390	075	0440	BALTIC (TUSCARAWAS COUNTY)
390	075	0735	BERLIN
390	075	1495	CHARM
390	075	7430	SHANESVILLE (TUSCARAWAS COUNTY)
390	075	8511	WALNUT CREEK
390	075	9075	WINESBURG
390	079	3720	JACKSON
390	079	4235	LIMERICK
390	079	6110	OAK HILL
390	079	6927	RIDGELAND
390	079	8670	WELLSTON
390	079	9061	WINCHESTER
390	081	0060	ADENA
390	081	0180	AMSTERDAM
390	081	0202	ANNAPOLIS
390	081	0720	BERGHOLZ
390	081	0841	BLOOMINGDALE
390	081	0935	BRADLEY
390	081	1010	BRILLIANT
390	081	1925	COSTONIA
390	081	2220	DILLONVALE
390	081	2277	DUNGLEN
390	081	2385	EAST SPRINGFIELD
390	081	2490	EMPIRE
390	081	2607	FERNWOOD
390	081	3275	HAMMONDSVILLE

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
390	081	3360	HARRISVILLE (HARRISON COUNTY)
390	081	3600	HOPEDALE (HARRISON COUNTY)
390	081	3963	KNOXVILLE
390	081	5200	MINGO JUNCTION
390	081	5390	MOUNT PLEASANT
390	081	5560	NEW ALEXANDRIA
390	081	5802	NEW SOMERSET
390	081	6355	PARLETT
390	081	6537	PINEY FORK
390	081	6595	PLEASANT GROVE
390	081	6850	RAYLAND
390	081	7280	SALINEVILLE (COLUMBIANA COUNTY)
390	081	7590	SMITHFIELD
390	081	7830	STEUBENVILLE
390	081	8080	TILTONSVILLE
390	081	8140	TORONTO
390	081	8235	UNIONPORT
390	081	8690	WELLSVILLE (COLUMBIANA COUNTY)
390	081	9080	WINTERSVILLE
390	087	0791	BLACKFORK
390	087	3135	GREASY RIDGE
390	087	3290	HANGING ROCK
390	087	3700	IRONTON
390	087	6425	PEDRO
390	087	8587	WATERLOO
390	087	8968	WILGUS
390	099	1310	CANFIELD
390	099	2457	ELLSWORTH
390	099	2838	GARFIELD
390	099	4420	LOWELLVILLE
390	099	5551	NEW ALBANY
390	099	5750	NEW MIDDLETOWN
390	099	5804	NEW SPRINGFIELD
390	099	5995	NORTH LIMA
390	099	6504	PETERSBURG
390	099	7360	SEBRING
390	105	0080	ALBANY (ATHENS COUNTY)
390	105	3535	HOBSON
390	105	4053	LANGSVILLE
390	105	5000	MIDDLEPORT
390	105	6660	POMEROY
390	105	7170	RUTLAND
390	111	6750	POWHATAN POINT (BELMONT COUNTY)
390	115	0794	BISHOPVILLE
390	115	1980	CROOKSVILLE (PERRY COUNTY)
390	115	2102	DEAVERTOWN
390	115	3231	HACKNEY
390	115	4530	MCCONNELSVILLE
390	115	5425	MOUNTVILLE
390	119	0025	ADAMS MILLS
390	119	0030	ADAMSVILLE

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
390	119	0858	BLUE ROCK
390	119	1003	BRIDGEVILLE
390	119	2010	CUMBERLAND (GUERNSEY COUNTY)
390	119	2775	FULTONHAM
390	119	2938	GILBERT
390	119	3475	HIGH HILL
390	119	3605	HOPEWELL
390	119	5818	NEWTON
390	119	6255	OTSEGO
390	119	6996	RIX MILLS
390	119	7090	ROSEVILLE
390	119	7750	SOUTH ZANESVILLE
390	119	7854	STOVERTOWN
390	119	8936	WHITE COTTAGE
390	119	9225	YOUNG
390	119	9260	ZANESVILLE
390	121	0500	BATESVILLE
390	121	0620	BELLE VALLEY
390	121	1230	CALDWELL
390	121	2010	CUMBERLAND (GUERNSEY COUNTY)
390	121	2210	DEXTER CITY
390	121	2425	ELBA (WASHINGTON COUNTY)
390	121	3335	HARRIETSVILLE
390	121	6874	RENROCK
390	121	7440	SHARON
390	121	7930	SUMMERFIELD
390	127	1014	BRISTOL
390	127	1835	CONGO
390	127	1890	CORNING
390	127	1980	CROOKSVILLE
390	127	2345	EAST FULTONHAM
390	127	3450	HEMLOCK
390	127	3850	JUNCTION CITY
390	127	4533	MCCUNEVILLE
390	127	4552	MCLUNEY
390	127	4845	MAXVILLE
390	127	5385	MOUNT PERRY
390	127	5433	MOXAHALA
390	127	5700	NEW LEXINGTON
390	127	5810	NEW STRAITSVILLE
390	127	6870	RENDVILLE
390	127	7285	SALTILLO
390	127	7460	SHAWNEE
390	127	7620	SOMERSET
390	133	0372	ATWATER
390	145	7740	SOUTH WEBSTER
390	151	0870	BOLIVAR (TUSCARAWAS COUNTY)
390	151	2320	EAST CANTON
390	151	2380	EAST SPARTA
390	151	3382	HARTVILLE
390	151	[illegible]	[illegible]

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
390	151	5180	MINERVA
390	151	5490	NAVARRE
390	151	5975	NORTH INDUSTRY
390	151	6348	PARIS
390	151	8168	WACO
390	151	8630	WAYNESBURG
390	151	9050	WILMOT
390	157	0440	BALTIC
390	157	0883	BARRS MILLS
390	157	2190	DENNISON
390	157	2240	DOVER
390	157	2275	DUNDEE
390	157	3030	GNADENHUTTEN
390	157	5030	MIDVALE
390	157	5170	MINERAL CITY
390	157	5645	NEW CUMBERLAND
390	157	5770	NEW PHILADELPHIA
390	157	5775	NEWPORT
390	157	6710	PORT WASHINGTON
390	157	6912	RAGERSVILLE
390	157	7120	ROSWELL
390	157	7430	SHANESVILLE
390	157	7615	SOMERDALE
390	157	7635	STILLWATER
390	157	7660	STRASBURG
390	157	7910	SUGARCREEK
390	157	8200	TUSCARAWAS
390	157	8210	UHRICHSVILLE
390	157	8477	WAINWRIGHT
390	157	9088	WOLF
390	163	1632	CLARION
390	163	1944	CREOLA
390	163	3240	HAMDEN
390	163	4500	MCARTHUR
390	163	5773	NEW PLYMOUTH
390	163	6215	ORLAND
390	163	8970	WILKESVILLE
390	163	9240	ZALESKI
390	167	2425	ELBA
390	167	4560	MACKSBURG
390	167	8523	WARNER
390	169	3580	HOLMESVILLE (HOLMES COUNTY)
390	169	5350	MOUNT EATON
400	029	1040	COALGATE
400	029	2770	LEHIGH
400	029	3760	PHILLIPS
400	035	0890	CENTRALIA
400	035	4900	VINITA
400	035	5110	WELCH
400	035	5166	WHITE OAK
400	061	2940	MCCURTAIN

TABLE OF CONTENTS

	Page	
Introduction	1	1/A8
Data Base	2	1/A9
Computer Program	2	1/A9
Program Constraints	4	1/A11
ECL Samples	4	1/A11
System Flow	5	1/A12
Accessory Appendices	6	1/A13

List of Appendices

Appendix A:	Coal Sulfur Analyses Data Base Format	A-1	1/B1
Appendix B:	FORTRAN V Computer Program	B-1	1/B3
Appendix C:	Input/Output Flow Diagram	C-1	1/C9
Appendix D:	Sample of Coal Analyses Data File	D-1	1/C10
Appendix E:	Sample Output of Analytical Program	E-1	1/C12
Appendix F:	Interconnections Between Main Program and Various Subroutines/Function	F-1	1/G5
Appendix G:	Index to Mine Locations and Seams Produced	G-1	1/G7
Appendix H:	List of FIPS Codes For States and Counties	H-1	2/A6
Appendix I:	List of U.S. Bureau of Mines Town Codes and Names	I-1	2/C4
Appendix J:	List of U.S. Bureau of Mines Bed Codes and Names	J-1	3/G1

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
400	061	4450	STIGLER
400	077	1925	GOWEN
400	077	3655	PANOLA
400	077	3980	RED OAK
400	077	5170	WILBURTON
400	079	0480	BOKOSHE
400	079	0750	CAMERON
400	079	2150	HEAVENER
400	079	2330	HOWE
400	079	3198	MILTON
400	079	3650	PANAMA
400	079	3840	POTEAU
400	079	4055	ROCK ISLAND
400	079	4268	SHADYPOINT
400	079	4420	SPIRO
400	091	5210	WISTER
400	101	0920	CHECOTAH
400	101	0555	BRIARTOWN
400	101	0990	CLAREMORE
400	105	3830	PORUM
400	105	3460	NOWATA
400	111	4900	VINITA (CRAIG COUNTY)
400	111	1330	DEWAR
400	111	2180	HENRYETTA
400	111	3240	MORRIS
400	121	4218	SCHULTER
400	121	0036	ADAMSON
400	121	0443	BLANCO
400	121	1387	DOW
400	121	2020	HAILEYVILLE
400	121	2090	HARTSHORNE
400	121	2660	KREBS
400	121	2930	MC ALESTER
400	131	3920	QUINTON
400	131	0655	BUSHYHEAD
400	131	0870	CATOOSA
400	131	0930	CHELSEA
400	131	0990	CLAREMORE
400	135	3590	OOLAGAH
400	143	4160	SALLISAW
400	143	0530	BROKEN ARROW
400	143	2440	JENKS
400	145	4780	TULSA
400	145	0870	CATOOSA (ROGERS COUNTY)
410	011	3820	PORTER
410	011	0390	COOS BAY
410	011	1670	POWERS
421	025	1754	RIVERTON
421	025	0312	AUDENRIED
421	025	0490	BEAVER MEADOWS
		3542	HAUTO

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
421	025	4028	JUNEDALE
421	025	4260	LANSFORD
421	025	5740	NESQUEHONING
421	037	0206	ARISTES
421	037	1190	CENTRALIA
421	037	4557	LOCUSTDALE
421	043	2540	ELIZABETHVILLE
421	043	2535	ERDMAN
421	043	3500	HARRISBURG
421	043	4630	LYKENS
421	043	5120	MIDDLETOWN
421	043	8048	SPRING GLEN (SCHUYLKILL COUNTY)
421	043	9390	WILLIA**STOWN
421	069	0200	ARCHBALD
421	069	0710	BLAKELY
421	069	1090	CARBONDALE
421	069	1317	CHILDS
421	069	1990	DICKSON CITY
421	069	2120	DUNMORE
421	069	3234	GLENDALE
421	069	3992	JESSUP
421	069	4990	MAYFIELD
421	069	5480	MOOSIC
421	069	6230	OLD FORGE
421	069	6250	OLYPHANT
421	069	6447	PECKVILLE
421	069	7003	RICHMONDALE
421	069	7450	SCRANTON
421	069	7708	SIMPSON
421	069	8380	TAYLOR
421	069	8430	THROOP
421	069	9450	WINTON
421	071	3677	HOLTWOOD
421	071	6496	PEQUEA
421	079	0072	ALDEN
421	079	0250	ASHLEY
421	079	0312	AUDENRIED (CARBON COUNTY)
421	079	0360	AVOCA
421	079	0452	BEAVER BROOK
421	079	1023	BUTTONWOOD
421	079	2067	DRIFTON
421	079	2130	DUPONT
421	079	2150	DURYEA
421	079	2387	ECKLEY
421	079	2480	EDWARDSVILLE
421	079	2710	EXETER
421	079	2842	FERN GLEN
421	079	3070	FREELAND
421	079	3240	GLEN LYON
421	079	3570	HAZLETON
421	079	3631	HIGHLAND

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
421	079	3773	HUDSON
421	079	3780	HUGHESTOWN
421	079	3816	HUNLOCK CREEK
421	079	3928	JEANESVILLE
421	079	3935	JEDDO
421	079	4090	KINGSTON
421	079	4171	LAFLIN
421	079	4280	LARKSVILLE
421	079	4620	LUZERNE
421	079	5315	MILNESVILLE
421	079	5350	MOCANAQUA
421	079	5670	NANTICOKE
421	079	6610	PITTSTON
421	079	6615	PLAINS
421	079	6660	PLYMOUTH
421	079	7377	SAND RUN
421	079	8239	SUGAR NOTCH
421	079	8330	SWOYERSVILLE
421	079	8840	WYOMING
421	079	9192	WEST NANTICOKE
421	079	9220	WEST PITTSTON
421	079	9340	WILKES-BARRE
421	079	9570	YATESVILLE
421	097	0300	ATLAS
421	097	0458	BEAR VALLEY
421	097	0468	BEAR VALLEY
421	097	2022	DORNSIFE
421	097	2705	EXCELSIOR
421	097	4150	KULPMONT
421	097	4560	LOCUST GAP
421	097	4690	MARION HEIGHTS
421	097	5330	MILTON
421	097	5520	MOUNT CARMEL
421	097	5694	NATALIE
421	097	6439	PAXINOS
421	097	6890	RANSHAW
421	097	7273	SAGON
421	097	7530	SHAMOKIN
421	097	7814	SNYDERTOWN
421	097	8590	TREVORTON
421	107	0240	ASHLAND
421	107	0856	BRANCH DALE
421	107	0999	BUCK RUN
421	107	1480	COALDALE
421	107	1800	CRESSONA
421	107	1816	CUMBOLA
421	107	1946	DELANO
421	107	2008	DONALDSON
421	107	2125	DUNCOTT
421	107	2951	FORESTVILLE
421	107	2990	FRACKVILLE

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
421	107	3170	GILBERTON
421	107	3190	GIRARDVILLE
421	107	3275	GOODSPRING
421	107	3280	GORDON
421	107	3573	HECKSHERVILLE
421	107	3576	HEGINS
421	107	4018	JOLIETT
421	107	4045	KASKA
421	107	4183	LANDINGVILLE
421	107	4317	LAVELLE
421	107	4495	LINCOLN COLLIERY
421	107	4545	LLEWELLYN
421	107	4557	LOCUSTDALE
421	107	4598	LORBERRY
421	107	4660	MCADOO
421	107	4770	MAHANOY CITY
421	107	5110	MIDDLEPORT
421	107	5340	MINERSVILLE
421	107	5483	MOREA COLLIERY
421	107	5532	MOUNT PLEASANT
421	107	5622	MOWRY
421	107	5910	NEW PHILADELPHIA
421	107	6252	ONEIDA
421	107	6580	PINE GROVE
421	107	6720	PORT CARBON
421	107	6790	POTTSVILLE
421	107	6895	RAVEN RUN
421	107	6897	RAVINE
421	107	6968	REYNOLDS
421	107	7280	SAINT CLAIR
421	107	7314	SAINT NICHOLAS
421	107	7430	SCHUYLKILL HAVEN
421	107	7600	SHENANDOAH
421	107	8048	SPRING GLEN
421	107	8216	SUEDBERG
421	107	8350	TAMAQUA
421	107	8500	TOWER CITY
421	107	8550	TREMONT
421	107	8661	TUSCARORA
421	107	8720	VALLEY VIEW
421	107	9664	ZERBE
421	113	0625	BERNICE
421	113	2166	EAGLES MERE
421	113	4265	LAPORTE
421	113	5198	MILDRED
421	115	2930	FOREST CITY
422	003	0396	BAIRDFORD
422	003	0399	BAKERSTOWN
422	003	0406	BALDWIN
422	003	0652	BETHEL PARK
422	003	0758	BLYTHEDALE

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	003	0880	BRIDGEVILLE
422	003	0970	BROWNSDALE
422	003	0975	BRUCETON
422	003	1001	BUNOLA
422	003	1120	CARNEGIE
422	003	1140	CASTLE SHANNON
422	003	1330	CHURCHILL
422	003	1335	CLAIRTON
422	003	1455	CLINTON
422	003	1725	COVERDALE
422	003	1755	CREIGHTON
422	003	1812	CUDDY
422	003	1820	CURTIS·ILLE
422	003	2025	DORSEYVILLE
422	003	2262	EAST MONONGAHELA
422	003	2290	EAST PITTSBURGH
422	003	2520	ELIZABETH
422	003	3090	FREEPORT (ARMSTRONG COUNTY)
422	003	3163	GIBSONIA
422	003	3200	GLASSPORT
422	003	3263	GLENSHAW
422	003	3478	HARMARVILLE
422	003	3512	HARWICK
422	003	3580	HEIDELBURG
422	003	3860	IMPERIAL
422	003	3874	INDIANOLA
422	003	3880	INGRAM
422	003	4268	LARGE
422	003	4470	LIBRARY
422	003	4497	LINCOLN
422	003	4710	MCKEESPORT
422	003	4720	MCKEES ROCKS
422	003	4823	MADISON
422	003	5202	MILESVILLE
422	003	5400	MONONGAHELA (WASHINGTON COUNTY)
422	003	5415	MONROEVILLE
422	003	5470	MOON RUN
422	003	5485	MORGAN
422	003	5695	NATRONA
422	003	5828	NEWFIELD
422	003	5880	NEW KENSINGTON (WESTMORELAND COUNTY)
422	003	5990	NOBLESTOWN
422	003	6035	NORTH BESSEMER
422	003	6160	OAKDALE
422	003	6190	OAKMONT
422	003	6808	PRIMROSE
422	003	6950	RENTON
422	003	7229	RURAL RIDGE
422	003	7240	RUSSELLTON
422	003	7777	SMITHDALE
422	003	8040	SPRINGDALE

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	003	8215	STURGEON
422	003	8360	TARENTUM
422	003	8660	TURTLE CREEK
422	003	8666	TYRE
422	003	8693	UNITY
422	003	8696	UNIVERSAL
422	003	8941	WEBSTER (WESTMORELAND COUNTY)
422	003	9040	WEST ELIZABETH
422	003	9319	WHITE OAK
422	003	9337	WILDWOOD
422	005	0035	ADRIAN
422	005	0042	ALADDIN
422	005	0180	APOLLO
422	005	0380	AVONMORE (WESTMORELAND COUNTY)
422	005	0852	BRADY
422	005	0853	BRADYS BEND
422	005	0865	BRICKCHURCH
422	005	0985	BRYAN
422	005	1024	CADOGAN
422	005	1454	CLINTON
422	005	1727	COWANSVILLE
422	005	1745	CRAIGSVILLE
422	005	1930	DAYTON
422	005	1937	DEANVILLE
422	005	2006	DISTANT
422	005	2015	DORA (JEFFERSON COUNTY)
422	005	2200	EAST BRADY (CLARION COUNTY)
422	005	2386	ECHO
422	005	2472	EDMON
422	005	2506	ELDERTON
422	005	2910	FORD CITY
422	005	2920	FORD CLIFF
422	005	3090	FREEPORT
422	005	3141	GARRETT RUN
422	005	3191	GIRTY
422	005	3267	GOHEENVILLE
422	005	3560	HAWTHORN (CLARION COUNTY)
422	005	3903	ISELIN (INDIANA COUNTY)
422	005	4046	KAYLOR
422	005	4053	KELLERSBURG
422	005	4055	KELLY STATION
422	005	4110	KITTANNING
422	005	4360	LEECHBURG
422	005	4568	LOGANSPORT
422	005	4745	MCWILLIAMS
422	005	4775	MAHONING
422	005	4855	MARGARET
422	005	4955	MATEER
422	005	4985	MAYPORT (CLARION COUNTY)
422	005	4987	MAYSVILLE
422	005	5511	MOSGROVE

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STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	005	5770	NEW BETHLEHEM (CLARION COUNTY)
422	005	5935	NEW SALEM
422	005	6020	NORTH APOLLO
422	005	6110	NORTH VANDERGRIFT
422	005	6157	NU MINE
422	005	6360	PARKER
422	005	6574	PIERCE
422	005	6846	PUTNEYVILLE
422	005	6863	QUEENSTOWN
422	005	6937	REESEDALE
422	005	7042	RIMERTON
422	005	7230	RURAL VALLEY
422	005	7270	SAGAMORE
422	005	7324	SALINA (WESTMORELAND COUNTY)
422	005	7485	SEMINOLE
422	005	7589	SHAY
422	005	7624	SHERRETT
422	005	7717	SLABTOWN
422	005	7838	SOUTH BEND
422	005	7840	SOUTH BETHLEHEM
422	005	8027	SPRING CHURCH
422	005	8365	TARRTOWN
422	005	8405	TEMPLETON
422	005	8443	TIMBLIN (JEFFERSON COUNTY)
422	005	8798	WALKCHALK
422	005	9332	WIDNOON
422	005	9490	WORTHINGTON
422	005	9560	YATESBORO
422	007	1067	CANNELTON
422	007	1905	DARLINGTON
422	007	2626	ENON VALLEY (LAWRENCE COUNTY)
422	007	5130	MIDLAND
422	007	5850	NEW GALILEE
422	007	6208	OHIOVILLE
422	007	7671	SHIPPINGPORT
422	007	9670	ZELIENOPLE (BUTLER COUNTY)
422	009	1485	COALMONT (HUNTINGDON COUNTY)
422	009	1943	DEFIANCE
422	009	2085	DUDLEY (HUNTINGDON COUNTY)
422	009	3729	HOPEWELL
422	009	4195	LANGDONDALE
422	009	7005	RIDDLESBURG
422	009	7400	SAXTON
422	009	7713	SIX MILE RUN
422	009	9461	WOOD (HUNTINGDON COUNTY)
422	013	0130	ALTOONA
422	013	1717	COUPON (CAMBRIA COUNTY)
422	013	2165	DYSART
422	013	3120	GALLITZIN (CAMBRIA COUNTY)
422	015	1080	CANTON
422	019	0799	BOYERS

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	019	0855	BRANCHTON
422	019	0980	BRUIN
422	019	0996	BUENA VISTA
422	019	0997	BUHLS
422	019	1020	BUTLER
422	019	1315	CHICORA
422	019	1423	CLAYTONIA
422	019	1620	CONNOQUENESSING
422	019	1820	CURTISVILLE (ALLEGHENY COUNTY)
422	019	2384	EAU CLAIRE
422	019	2492	EIDENAU
422	019	2665	EUCLID
422	019	2935	FENELTON
422	019	2950	FORESTVILLE
422	019	2978	FOXBURG (CLARION COUNTY)
422	019	3090	FREEPORT (ARMSTRONG COUNTY)
422	019	3475	HARLANSBURG
422	019	3480	HARMONY
422	019	3510	HARRISVILLE
422	019	3662	HILLIARDS
422	019	3715	HOOKER
422	019	3909	JACKSVILLE
422	019	4040	KARNS CITY
422	019	4111	KITTANNING
422	019	5644	MURRINSVILLE
422	019	6097	NORTH OAKLAND
422	019	6127	NORTH WASHINGTON
422	019	6360	PARKER (ARMSTRONG COUNTY)
422	019	6735	PORTERSVILLE
422	019	6820	PROSPECT
422	019	7385	SARVER
422	019	7390	SAXONBURG
422	019	7750	SLIPPERY ROCK
422	019	8691	UNIONVILLE
422	019	9145	WEST LIBERTY
422	019	9229	WEST SUNBURY
422	019	9255	WEST WINFIELD
422	019	9670	ZELIENOPLE
422	021	0163	AMSBRY
422	021	0260	ASHVILLE
422	021	0400	BAKERTON
422	021	0430	BARNESBORO
422	021	0470	BEAVERDALE
422	021	0597	BENS CREEK
422	021	0718	BLANDBURG
422	021	1130	CARROLLTOWN
422	021	1260	CHERRY TREE
422	021	1560	COLVER
422	021	1578	CONEMAUGH
422	021	1790	CRESSON
422	021	1935	DEAN

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	021	2115	DUNLO
422	021	2165	DYSART
422	021	2385	EBENSBURG
422	021	2490	EHRENFELD
422	021	2584	ELTON
422	021	2588	EMEIGH
422	021	2775	FALLENTIMBER
422	021	2941	FERNDALE
422	021	2884	FLINTON
422	021	3010	FRANKLIN
422	021	3102	FRUGALITY
422	021	3120	GALLITZIN
422	021	3150	GEISTOWN
422	021	3193	GLASGOW
422	021	3520	HASTINGS
422	021	4010	JOHNSTOWN
422	021	4143	KRAYN
422	021	4145	KRINGS
422	021	4490	LILLY
422	021	4547	LLOYDELL
422	021	4914	MARSTELLER
422	021	4918	MARTINDALE
422	021	5333	MINERAL POINT
422	021	5680	NANTY GLO
422	021	5984	NICKTOWN
422	021	6430	PATTON
422	021	6700	PORTAGE
422	021	6844	PURITAN
422	021	6964	REVLOC
422	021	7282	SAINT BENEDICT
422	021	7284	SAINT BONIFACE
422	021	7290	SAINT LAWRENCE
422	021	7310	SAINT MICHAEL
422	021	7420	SCALP LEVEL
422	021	7870	SOUTH FORK
422	021	7990	SPANGLER
422	021	8464	TIRE HILL (SOMERSET COUNTY)
422	021	8662	TWIN ROCKS
422	021	8790	VINTONDALE
422	023	9403	WILMORE
422	023	2610	EMPORIUM
422	027	8115	STERLING RUN
422	027	1345	CLARENCE
422	027	3549	HAWK RUN (CLEARFIELD COUNTY)
422	027	3760	HOUTZDALE (CLEARFIELD COUNTY)
422	027	5512	MOSHANNON
422	027	6292	OSCEOLA MILLS (CLEARFIELD COUNTY)
422	027	6444	PEALE
422	027	6550	PHILIPSBURG
422	027	7375	SANDY RIDGE
422	027	7810	SNOW SHOE

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	031	1042	CALLENSBURG
422	031	1370	CLARION
422	031	1705	CORSICA (JEFFERSON COUNTY)
422	031	1750	CORSICA
422	031	1803	CROWN
422	031	2200	EAST BRADY
422	031	2594	ELMO
422	031	2838	FERN
422	031	3103	FREETOWN
422	031	3104	FRYBURG
422	031	3560	HAWTHORN
422	031	3775	HUEY
422	031	4121	KNOX
422	031	4361	LEEPER
422	031	4475	LICKINGVILLE
422	031	4496	LIMESTONE
422	031	4616	LUCINDA
422	031	5015	MECHANICSVILLE
422	031	5345	MIOLA
422	031	5770	NEW BETHLEHEM
422	031	7040	RIMERSBURG
422	031	7547	SHANNONDALE
422	031	7670	SHIPPENVILLE
422	031	7740	SLIGO
422	031	8200	STRATTANVILLE
422	031	8250	SUMMERVILLE (JEFFERSON COUNTY)
422	031	8291	SUTTON
422	031	9055	WEST FREEDOM
422	033	9372	WILLIAMSBURG
422	033	0098	ALLEMANS
422	033	0125	ALLPORT
422	033	0172	ANSONVILLE
422	033	0505	BECCARIA
422	033	0577	BELLS LANDING
422	033	0665	BIGLER
422	033	0759	BOARDMAN
422	033	0900	BRISBIN
422	033	1013	BURNSIDE
422	033	1430	CLEARFIELD
422	033	1490	COALPORT
422	033	1830	CURWENSVILLE
422	033	2066	DRIFTING
422	033	2070	DU BOIS
422	033	3092	FRENCHVILLE
422	033	3146	GEARHARTVILLE
422	033	3175	GINTER
422	033	3235	GLEN HOPE
422	033	3257	GLEN RICHEY
422	033	3290	GRAMPIAN
422	033	3315	GRASSFLAT
422	033	3549	HAWK RUN

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	033	3760	HOUTZDALE
422	033	3890	IRVONA
422	033	4044	KARTHAUS
422	033	4047	KEEWAYDIN
422	033	4058	KENDRICK
422	033	4088	KERRMOOR
422	033	4164	KYLERTOWN
422	033	4172	LA JOSE
422	033	4355	LECONTES MILLS
422	033	4617	LUTHERSBURG
422	033	4695	MCGEES MILLS
422	033	4753	MADERA
422	033	4760	MAHAFFEY
422	033	5482	MORANN
422	033	5498	MORRISDALE
422	033	5642	MUNSON
422	033	5895	NEW MILLPORT
422	033	6225	OLANTA
422	033	6292	OSCEOLA MILLS
422	033	6415	PARSONVILLE
422	033	6464	PENFIELD
422	033	6550	PHILIPSBURG (CENTRE COUNTY)
422	033	6694	POTTERSDALE
422	033	6870	RAMEY
422	033	7115	ROCKTON
422	033	7588	SHAWVILLE
422	033	7794	SMITHMILL
422	033	8595	TROUTVILLE
422	033	8664	TYLER
422	033	8714	UTAHVILLE
422	033	8810	WALLACETON
422	033	9025	WEST DECATUR
422	033	9210	WESTOVER
422	033	9415	WINBURNE
422	033	9463	WOODLAND
422	035	0530	BEECH CREEK
422	035	4048	KEATING
422	035	6694	POTTERSDALE (CLEARFIELD COUNTY)
422	035	6940	RENOVO
422	035	9227	WESTPORT
422	047	0595	BENEZETT
422	047	0857	BRANDY CAMP
422	047	0927	BROCKPORT
422	047	0930	BROCKWAY (JEFFERSON COUNTY)
422	047	1035	CALEDONIA
422	047	2070	DU BOIS
422	047	2905	FORCE
422	047	2908	FORCE
422	047	4080	KERSEY
422	047	5041	MEDIX RUN
422	047	7586	SHAWMUT

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	047	8943	WEEDVILLE
422	047	9335	WILCOX
422	047	9365	WILLIAMS
422	051	0120	ALLISON
422	051	0422	BANNING
422	051	0550	BELLE VERNON
422	051	0956	BROWNFIELD
422	051	0970	BROWNSVILLE
422	051	1456	CLINTON
422	051	1535	COLLIER
422	051	1610	CONNELLSVILLE
422	051	1920	DAWSON
422	051	2090	DUNBAR
422	051	2258	EAST MILLSBORO
422	051	2690	EVERSON
422	051	2750	FAIRCHANCE
422	051	2776	FALLEN TIMBERS
422	051	2820	FAYETTE CITY
422	051	3126	GANS
422	051	3326	GRAYS LANDING
422	051	3628	HIGH HOUSE
422	051	3872	INDIAN HEAD
422	051	3902	ISABELLA
422	051	4168	LA BELLE
422	051	4174	LAKE LYNN
422	051	4397	LEMONT FURNACE
422	051	4673	MCCLELLANDTOWN
422	051	4894	MARKLEYSBURG
422	051	4917	MARTIN
422	051	4940	MASONTOWN
422	051	5042	MELCROFT
422	051	5519	MOUNT BRADDOCK
422	051	5854	NEW GENEVA
422	051	5930	NEW SALEM
422	051	5995	NORMALVILLE
422	051	6207	OHIOPYLE
422	051	6239	OLIPHANT FURNACE
422	051	6240	OLIVER
422	051	6297	OUTCROP
422	051	6510	PERRYOPOLIS
422	051	6680	POINT MARION
422	051	7688	SHOAF
422	051	7780	SMITHFIELD
422	051	8090	STAR JUNCTION
422	051	8690	UNIONTOWN
422	051	9300	WHITE
422	051	9516	WYNN
422	057	9622	YORK RUN
422	059	9461	WOOD
422	059	0760	BOBTOWN
		1110	CARMICHAELS

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	059	1400	CLARKSVILLE
422	059	1810	CRUCIBLE
422	059	1995	DILLINER
422	059	2111	DUNKARD
422	059	3326	GRAYS LANDING (FAYETTE COUNTY)
422	059	3360	GREENSBORO
422	059	3902	ISABELLA (FAYETTE COUNTY)
422	059	3950	JEFFERSON
422	059	4960	MATHER
422	059	5555	MOUNT MORRIS
422	059	5720	NEMACOLIN
422	059	6317	PAISLEY
422	059	6680	POINT MARION (FAYETTE COUNTY)
422	059	6685	POLAND MINES
422	059	6980	RICES LANDING
422	059	8305	TAYLORTOWN
422	059	8930	WAYNESBURG
422	061	1485	COALMONT
422	061	2085	DUDLEY
422	061	5600	MOUNT UNION
422	061	7075	ROBERTSDALE
422	061	8477	TODD
422	061	9461	WOOD
422	063	0134	ALVERDA
422	063	0195	ARCADIA
422	063	0207	ARMAGH
422	063	0380	AVONMORE (WESTMORELAND COUNTY)
422	063	0663	BEYER
422	063	0692	BLACK LICK
422	063	0700	BLAIRSVILLE
422	063	0770	BOLIVAR (WESTMORELAND COUNTY)
422	063	0993	BRUSH VALLEY
422	063	1013	BURNSIDE (CLEARFIELD COUNTY)
422	063	1377	CLARKSBURG
422	063	1458	CLUNE
422	063	1460	CLYMER
422	063	1573	COMMODORE
422	063	1675	CORAL
422	063	2002	DILLTOWN
422	063	2007	DIXONVILLE
422	063	2650	ERNEST
422	063	2855	FIVE POINTS
422	063	3177	GIPSY
422	063	3210	GLEN CAMPBELL
422	063	3583	HEILWOOD
422	063	3625	HESHBON
422	063	3665	HILLSDALE
422	063	3678	HOME
422	063	3680	HOMER CITY
422	063	3870	INDIANA
422	063	4001	JOHNSONBURG

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	063	4022	JOSEPHINE
422	063	4027	JUNEAU
422	063	4074	KENT
422	063	4614	LUCIUSBORO
422	063	4615	LUCERNEMINES
422	063	4703	MCINTYRE
422	063	4880	MARION CENTER
422	063	5328	MILTON (ARMSTRONG COUNTY)
422	063	5693	NASHVILLE
422	063	5984	NICKTOWN (CAMBRIA COUNTY)
422	063	6495	PENN RUN
422	063	7085	ROBINSON
422	063	7093	ROCHESTER MILLS
422	063	7170	ROSSITER
422	063	7350	SALTSBURG
422	063	7500	SEWARD (WESTMORELAND COUNTY)
422	063	7593	SHELOCTA
422	063	7797	SMITHPORT
422	063	7804	SMITHVILLE
422	063	8084	STARFORD
422	063	8645	TUNNELTON
422	063	8691	UNIONTOWN
422	063	8712	UREY
422	063	9120	WEST LEBANON
422	065	0035	ADRIAN (ARMSTRONG COUNTY)
422	065	0168	ANITA
422	065	0445	BAXTER
422	065	0680	BIG RUN
422	065	0930	BROCKWAY
422	065	0950	BROOKVILLE
422	065	1655	COOLSPRING
422	065	1705	CORSICA
422	065	1945	DE LANCEY
422	065	2015	DORA
422	065	2780	FALLS CREEK
422	065	3462	HAMILTON
422	065	3465	HAMILTON
422	065	4115	KNOX DALE
422	065	6055	NORTH FREEDOM
422	065	6241	OLIVEBURG
422	065	6733	PORTER
422	065	6840	PUNXSUTAWNEY
422	065	6894	RATHMEL
422	065	6970	REYNOLDSVILLE
422	065	8017	SPRANKLE MILLS
422	065	8082	STANTON
422	065	8213	STUMP CREEK
422	065	8250	SUMMERVILLE
422	065	8443	TIMBLIN
422	065	8716	VALIER
422	065	9245	WESTVILLE

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	065	9455	WISHAW
422	073	0862	BRENT
422	073	2205	EASTBROOK
422	073	2471	EDINBURG
422	073	2580	ELLWOOD CITY
422	073	2626	ENON VALLEY
422	073	3475	HARLANSBURG
422	073	5481	MORAVIA
422	073	5800	NEW CASTLE
422	073	6735	PORTERSVILLE
422	073	7147	ROSE POINT
422	073	7750	SLIPPERY ROCK (BUTLER COUNTY)
422	073	8793	VOLANT
422	081	8830	WAMPUM
422	081	1515	COGAN STATION
422	081	2623	ENGLISH CENTER
422	083	4460	LIBERTY (TIOGA COUNTY)
422	085	6710	PORT ALLEGANY
422	085	3410	GROVE CITY
422	085	3908	JACKSON CENTER
422	085	4577	LONDON
422	085	5050	MERCER
422	085	6095	NORTH LIBERTY
422	085	7370	SANDY LAKE
422	085	7550	SHARON
422	111	0016	ACOSTA
422	111	0620	BERLIN
422	111	0790	BOSWELL
422	111	0805	BOYNTON
422	111	0952	BROTHERTON
422	111	1030	CAIRNBROOK
422	111	1180	CENTRAL CITY
422	111	1580	CONFLUENCE
422	111	1913	DAVIDSVILLE
422	111	2953	FORT HILL
422	111	3094	FRIEDENS
422	111	3095	FRIEDENS
422	111	3140	GARRETT
422	111	3323	GRAY
422	111	3664	HILLSBORO
422	111	3673	HOLLSOPPLE
422	111	3720	HOOVERSVILLE
422	111	3973	JENNERS
422	111	3975	JENNERSTOWN
422	111	3983	JEROME
422	111	4032	KANTNER
422	111	4084	KIMMELTON
422	111	4145	KRINGS (CAMBRIA COUNTY)
422	111	4177	LAMBERTSVILLE
422	111	4515	LISTIE
422	111	4893	MARKLETON

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	111	5090	MEYERSDALE
422	111	6205	OGLETOWN
422	111	6310	PAINT
422	111	6582	PINE HILL
422	111	6862	QUECREEK
422	111	6858	RALPHTON
422	111	6939	REELS CORNERS
422	111	7120	ROCKWOOD
422	111	7205	ROXBURY
422	111	7228	RUMMEL
422	111	7330	SALISBURY
422	111	7420	SCALP LEVEL (CAMBRIA COUNTY)
422	111	7462	SEANOR
422	111	7545	SHANKSVILLE
422	111	7712	SIPESVILLE
422	111	7820	SOMERSET
422	111	8170	STOYSTOWN
422	111	8464	TIRE HILL
422	111	9210	WESTOVER
422	111	9334	WILBUR
422	111	9420	WINDBER
422	117	0175	ANTRIM
422	117	5487	MORRIS
422	117	5489	MORRIS RUN
422	121	0425	BARKEYVILLE
422	121	1457	CLINTONVILLE
422	121	2590	EMLENTON
422	121	3510	HARRISVILLE (BUTLER COUNTY)
422	121	4065	KENNERDELL
422	121	5712	NECTARINE
422	121	5982	NICKLEVILLE
422	121	6435	PEARL
422	121	6612	PITTSVILLE
422	121	6690	POLK
422	121	7103	ROCKLAND
422	121	8408	TENMILE BOTTOM
422	121	8975	WESLEY
422	125	0340	AVELLA
422	125	0600	BENTLEYVILLE
422	125	0998	BULGER
422	125	1000	BURGETTSTOWN
422	125	1040	CALIFORNIA
422	125	1070	CANONSBURG
422	125	1173	CENTERVILLE
422	125	1240	CHARLEROI
422	125	1400	CLARKSVILLE (GREENE COUNTY)
422	125	1470	COAL CENTER
422	125	2503	ELDERSVILLE
422	125	2570	ELLSWORTH
422	125	2583	ELRAMA
422	125	2850	FINLEYVILLE

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	125	2886	FLORENCE
422	125	3030	FREDERICKTOWN
422	125	3174	GINGERHILL
422	125	3596	HENDERSONVILLE
422	125	3629	HICKORY
422	125	3750	HOUSTON
422	125	3997	JOFFRE
422	125	4320	LAWRENCE
422	125	4690	MCDONALD
422	125	4850	MARIANNA
422	125	4990	MEADOWLANDS
422	125	5160	MIDWAY
422	125	5650	MUSE
422	125	5820	NEW EAGLE
422	125	6996	RICKEYVILLE
422	125	8010	SPEERS
422	125	8663	TWILIGHT
422	125	8745	VAN VOORHIS
422	125	8758	VENICE
422	125	8759	VENETIA
422	125	8780	VESTABURG
422	125	8880	WASHINGTON
422	125	9000	WEST BROWNSVILLE
422	125	9105	WESTLAND
422	129	0025	ADAMSBURG
422	129	0135	ALVERTON
422	129	0180	APOLLO (ARMSTRONG COUNTY)
422	129	0230	ARONA
422	129	0700	BLAIRSVILLE
422	129	0770	BOLIVAR
422	129	0783	BOVARD
422	129	0835	BRADENVILLE
422	129	0854	BRAEBURN
422	129	0896	BRINKERTON
422	129	1045	CALUMET
422	129	1360	CLARIDGE
422	129	1907	DARRAGH
422	129	1980	DERRY
422	129	2720	EXPORT
422	129	3090	FREEPORT (ARMSTRONG COUNTY)
422	129	3370	GREENSBURG
422	129	3468	HANNASTOWN
422	129	3600	HERMINIE
422	129	3747	HOSTETTER
422	129	3815	HUNKER
422	129	3900	IRWIN
422	129	4290	LATROBE
422	129	4360	LEECHBURG
422	129	4480	LIGONIER
422	129	4619	LUXOR
422	129	4755	MADISON

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
422	129	4783	MAMMOTH
422	129	4810	MANOR
422	129	5292	MILLIGANTOWN
422	129	5501	MOUNT PLEASANT
422	129	5655	MUTUAL
422	129	5750	NEW ALEXANDRIA
422	129	5815	NEW DERRY
422	129	5890	NEW KENSINGTON
422	129	6635	PLEASANT UNITY
422	129	6637	PLEASANT VALLEY
422	129	6800	PRICEDALE
422	129	7035	RILLTON
422	129	7227	RUFFS DALE
422	129	7324	SALINA
422	129	7350	SALTSBURG (INDIANA COUNTY)
422	129	7450	SCOTTDALE
422	129	7455	SCOTT HAVEN
422	129	7500	SEWARD
422	129	7730	SLICKVILLE
422	129	7800	SMITHTON
422	129	7880	SOUTH GREENSBURG
422	129	8083	STAHLSTOWN
422	129	8290	SUTERSVILLE
422	129	8614	TRUXALL
422	129	8694	UNITED
422	129	8740	VANDERGRIFT
422	129	8941	WEBSTER
422	129	8944	WEINEL CROSS ROADS
422	129	9200	WEST NEWTON
422	129	9406	WILPEN
422	129	9511	WYANO
422	129	9650	YOUNGWOOD
422	129	9660	YUKON
460	031	1470	ISABEL (DEWEY COUNTY)
460	041	1008	FIRESTEEL
460	041	1470	ISABEL
460	105	1678	LODGEPOLE
470	001	0275	BRICEVILLE
470	001	0440	CLINTON
470	001	0637	DEVONIA
470	001	0843	FORK MOUNTAIN
470	001	1340	LAKE CITY
470	001	1850	OAK RIDGE
470	001	1870	OLIVER SPRINGS
470	001	1943	PETROS
470	007	0122	ATPONTLEY
470	007	1950	PIKEVILLE
470	013	0075	ANTHRAS
470	013	0244	BLOCK
470	013	0275	BRICEVILLE
470	013	0350	CARYVILLE

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
470	013	0435	CLINCHMORE
470	013	0515	COTULA
470	013	0685	DUFF
470	013	0772	ELK VALLEY
470	013	0900	GARLAND
470	013	1037	HABERSHAM
470	013	1109	HIGHCLIFF
470	013	1198	JACKSBORO
470	013	1240	JELLICO
470	013	1275	KILSYTH
470	013	1320	LA FOLLETTE
470	013	1685	MORLEY
470	013	1772	NEWCOMB
470	013	1809	NORMA (SCOTT COUNTY)
470	013	1892	OSWEGO
470	013	1955	PIONEER
470	013	2471	TURLEY
470	013	2495	VASPER
470	013	2542	WESTBOURNE
470	025	0310	BRYSON MOUNTAIN
470	025	0407	CLAIRFIELD
470	025	0470	CLAIRFIELD
470	025	0718	EAGAN
470	025	0844	FORK RIDGE
470	025	1069	HARTRANFT
470	025	1555	MARION
470	025	1978	PRUDEN
470	025	2485	VALLEY CREEK
470	035	0533	CRAB ORCHARD
470	035	0540	CROSSVILLE
470	035	1594	MAYLAND
470	035	1830	OAKDALE
470	035	1897	OZONE
470	049	0587	DAVIDSON
470	049	1033	GRIMSLEY
470	049	1109	HIGHLAND JUNCTION
470	049	1210	JAMESTOWN
470	049	2591	WILDER
470	061	0442	COALMONT
470	061	0856	FREEMONT
470	061	1900	PALMER
470	061	2420	TRACY CITY
470	065	0560	DAISY
470	065	1063	HARRISON
470	065	1122	HIXSON
470	065	1681	MONTLAKE
470	065	2108	SALE CREEK
470	065	2210	SIGNAL MOUNTAIN
470	065	2260	SODDY
470	115	1032	GRIFFITH CREEK
470	115	1220	JASPER

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
470	115	1677	MONTEAGLE
470	115	1890	ORME
470	115	2180	SEWANEE
470	115	2210	SIGNAL MOUNTAIN
470	115	2300	SOUTH PITTSBURG
470	115	2420	TRACY CITY (GRUNDY COUNTY)
470	115	2555	WHITE CITY (GRUNDY COUNTY)
470	115	2578	WHITESIDE
470	115	2590	WHITWELL
470	129	0352	CATOOSA
470	129	0441	COALFIELD
470	129	1165	HUFFMAN
470	129	1343	LANCING
470	129	1544	MAHAN
470	129	1764	NEMO
470	129	1830	OAKDALE
470	129	1870	OLIVER SPRINGS (ANDERSON COUNTY)
470	129	1943	PETROS
470	129	2362	STEPHENS
470	129	2367	SUNBRIGHT
470	129	2505	WARTBURG
470	133	0427	CLIFF SPRINGS
470	133	0534	CRAWFORD
470	133	0587	DAVIDSON (FENTRESS COUNTY)
470	133	1109	HIGHLAND JUNCTION (FENTRESS COUNTY)
470	133	1680	MONTEREY (PUTNAM COUNTY)
470	133	1833	OBEY CITY
470	133	1855	OBEY CITY
470	141	0675	DRIPPING SPRINGS
470	141	1680	MONTEREY
470	143	0590	DAYTON
470	143	0990	GRAYSVILLE
470	143	1950	PIKEVILLE
470	145	1060	HARRIMAN
470	145	2070	ROCKWOOD
470	151	1077	HELENWOOD
470	151	1193	HUNTSVILLE
470	151	1418	LITTLE CREEK
470	151	1797	NEW RIVER
470	151	1809	NORMA
470	151	1880	ONEIDA
470	151	1955	PIONEER (CAMPBELL COUNTY)
470	151	2062	ROACH CREEK
470	151	2064	ROBBINS
470	151	2244	SMOKEY
470	151	2245	SMOKEY JUNCTION
470	151	2603	WINFIELD
470	151	2605	WINONA
470	153	0347	CARTWRIGHT
470	153	0585	DAUS
470	153	0690	DUNLAP

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
470	153	1032	GRIFFITH CREEK (MARION COUNTY)
470	153	1900	PALMER (GRUNDY COUNTY)
470	153	1950	PIKEVILLE
470	153	2210	SIGNAL MOUNTAIN
470	175	2320	SPENCER
470	185	0745	EASTLAND
470	185	2310	SPARTA
480	021	0360	BASTROP
480	143	6932	THURBER
480	161	2280	FAIRFIELD
480	203	4360	MARSHALL
480	331	5860	ROCKDALE
480	363	6630	STRAWN
480	449	4750	MOUNT PLEASANT
480	479	3900	LAREDO
490	007	0180	CASTLE GATE
490	007	0255	CLEAR CREEK
490	007	0295	COLUMBIA
490	007	0660	HELPER
490	007	0690	HIAWATHA
490	007	1540	PRICE
490	007	1564	RAINS
490	007	1750	SCOFIELD
490	007	1890	SUNNYSIDE
490	007	2065	WATTIS
490	007	2070	WELLINGTON
490	015	0255	CLEAR CREEK (CARBON COUNTY)
490	015	0295	COLUMBIA (CARBON COUNTY)
490	015	0340	DRAGERTON (CARBON COUNTY)
490	015	0400	EMERY
490	015	0450	FAIRVIEW (SANPETE COUNTY)
490	015	0690	HIAWATHA
490	015	0740	HUNTINGTON
490	015	1380	ORANGEVILLE
490	017	0430	ESCALANTE
490	017	1990	TROPIC
490	019	1925	THOMPSON
490	021	0190	CEDAR CITY
490	021	0840	KANARRAVILLE
490	025	0020	ALTON
490	025	0336	PAGE (ARIZONA)
490	025	0575	GLEN CANYON
490	025	0580	GLENDALE
490	025	1400	ORDERVILLE
490	041	0400	EMERY (EMERY COUNTY)
490	041	1690	SALINA
490	043	0290	COALVILLE
490	047	0893	LAPOINT
490	047	2010	VERNAL
510	027	0167	BIG ROCK
510	027	0178	BLACKEY

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
510	027	0285	BREAKS (DICKENSON COUNTY)
510	027	0632	CONAWAY
510	027	0648	COUNCIL
510	027	0728	DAVENPORT
510	027	0733	DEEL
510	027	0746	DESKINS
510	027	0830	DUTY
510	027	1135	GRIMSLEYVILLE
510	027	1150	GRUNDY
510	027	1187	HARMAN
510	027	1210	HAYSI (DICKENSON COUNTY)
510	027	1275	HOME CREEK
510	027	1298	HURLEY
510	027	1352	JEWELL RIDGE (TAZWELL COUNTY)
510	027	1354	JEWELL VALLEY
510	027	1365	KEEN MOUNTAIN
510	027	1368	KELSA
510	027	1435	LEEMASTER
510	027	1445	LEETOWN
510	027	1572	MARVIN
510	027	1576	MAVISDALE
510	027	1577	MAXIE
510	027	1818	OAKWOOD
510	027	1846	PAGE
510	027	1874	PATTERSON
510	027	1882	PEARLY
510	027	1932	PILGRIM KNOB
510	027	1985	PRATER
510	027	2022	RAVEN (TAZEWELL COUNTY)
510	027	2050	RICHLANDS (TAZEWELL COUNTY)
510	027	2122	ROSEANN
510	027	2128	ROTH
510	027	2135	ROWE
510	027	2245	SHORTT GAP
510	027	2308	STACY
510	027	2463	TOOKLAND
510	027	2492	VANSANT
510	027	2626	WHITEWOOD
510	027	2663	WOLFORD
510	051	0132	BEE
510	051	0173	BIRCHLEAF
510	051	0285	BREAKS
510	051	0355	BUCU
510	051	0407	CARRIE
510	051	0560	CLINCHCO
510	051	0580	CLINTWOOD
510	051	0600	COEBURN (WISE COUNTY)
510	051	0710	DANTE (RUSSELL COUNTY)
510	051	0732	DARWIN
510	051	0830	DUTY
510	051	1022	FREELING

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
510	051	1210	HAYSI
510	051	1218	HERALD (WISE COUNTY)
510	051	1752	NORA
510	051	1810	NORTON (WISE COUNTY)
510	051	2423	TARPON
510	051	2466	TRAMMEL
510	051	2561	WAKENVA
510	051	2617	WEST DANTE
510	105	0225	BO'INY BLUE
510	105	0388	CALVIN
510	105	0806	EWING
510	105	1303	IMPERIAL
510	105	1376	KEOKEE
510	105	1900	PENNINGTON GAP
510	105	1998	PUPCELL
510	105	2105	ROBBINS CHAPEL
510	105	2150	SAINT CHARLES
510	121	0180	BLACKSBURG
510	121	1497	MCCOY
510	121	1588	MERRIMAC
510	121	1986	PRICES FORK
510	155	1870	PARROTT
510	155	1990	PULASKI
510	167	0530	CLEVELAND
510	167	0710	DANTE
510	167	0783	DRILL
510	167	1280	HONAKER
510	167	1430	LEBANON
510	167	1492	LYNN SPRING
510	167	2022	RAVEN (TAZEWELL COUNTY)
510	167	2408	SWORDS CREEK
510	169	2629	WILDER
510	185	0570	CLINCHPORT
510	185	0075	AMONATE
510	185	0115	BANDY
510	185	0175	BISHOP
510	185	0210	BOISSEVAIN
510	185	0755	DORAN
510	185	1293	HORSEPEN
510	185	1320	JENKINJONES (WEST VIRGINIA)
510	185	1352	JEWELL RIDGE
510	185	1354	JEWELL VALLEY
510	185	1940	POCAHONTAS
510	185	2022	RAVEN
510	185	2025	RED ASH
510	185	2050	RICHLANDS
510	185	2231	SEABOARD
510	185	2245	SHORTT GAP (BUCHANAN COUNTY)
510	195	0080	APPALACHIA
510	195	0102	ARNO
	195	0117	BANNER

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
510	195	0170	BIG STONE GAP
510	195	0192	BLACKWOOD
510	195	0600	COEBURN
510	195	0710	DANTE (RUSSELL COUNTY)
510	195	0744	DERBY
510	195	0760	DORCHESTER
510	195	0815	DUNBAR
510	195	0875	ESSERVILLE
510	195	0987	FLAT GAP
510	195	1310	INMAN
510	195	1455	LIPPS
510	195	1810	NORTON
510	195	1843	OSAKA
510	195	1857	PARDEE
510	195	1980	POUND
510	195	2120	RODA
510	195	2350	STONEGA
510	195	2410	TACOMA
510	195	2461	TOMS CREEK
510	195	2542	VIRGINIA CITY
510	195	2660	WISE
530	033	0146	BLACK DIAMOND
530	033	0483	CUMBERLAND
530	033	0541	DURHAM
530	033	0670	ENUMCLAW
530	033	0980	ISSAQUAH
530	033	1190	LONGVIEW
530	033	1649	PALMER
530	033	1741	PRESTON
530	033	1797	RAVENSDALE
530	033	1830	RENTON
530	033	1981	SELLECK
530	033	1985	SELLECK
530	033	2040	SNOQUALMIE
530	037	0370	CLE ELUM
530	037	0620	ELLENSBURG
530	037	1904	RONALD
530	037	1920	ROSLYN
530	037	2255	THORP
530	041	0300	CENTRALIA
530	041	0310	CHEHALIS
530	041	0785	GALVIN
530	041	1185	LONGMIRE SPRINGS
530	041	1355	MINERAL
530	041	1380	MORTON
530	041	1645	PACKWOOD
530	041	2360	VADER
530	053	0085	ASHFORD
530	053	0210	BUCKLEY
530	053	0250	CARBONADO
530	053	2520	WILKESON

08-28-7?

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
530	067	0220	BUCODA
530	067	0300	CENTRALIA (LEWIS COUNTY)
530	067	2250	TENINO
530	073	0110	BELLINGHAM
530	073	0805	GLACIER
540	001	0104	ARDEN
540	001	0180	BELINGTON
540	001	0208	BERRYBURG
540	001	0325	BROWNTON
540	001	0455	CENTURY
540	001	0788	ELK CITY
540	001	0966	GALLOWAY
540	001	1330	JUNIOR
540	001	1886	NESTORVILLE
540	001	2011	OVERFIELD
540	001	2079	PEEL TREE
540	001	2085	PEPPER
540	001	2110	PHILIPPI
540	001	2228	RANGOON
540	001	2684	VOLGA
540	005	0115	ASHFORD
540	005	0131	BANDYTOWN
540	005	0135	BARRETT
540	005	0262	BLUE PENNANT
540	005	0263	BOB WHITE
540	005	0384	CAMEO
540	005	0510	CHELYAN (KANAWHA COUNTY)
540	005	0565	CLOTHIER (LOGAN COUNTY)
540	005	0596	COSTA
540	005	0603	COZY
540	005	0650	DANVILLE
540	005	0655	DARTMONT
540	005	0897	FERNDALE
540	005	0943	FOSTERVILLE
540	005	0969	GARRISON
540	005	1055	GORDON
540	005	1205	HEWETT
540	005	1209	HIGHCOAL
540	005	1315	JEFFREY
540	005	1329	JULIAN
540	005	1340	KAYFORD (KANAWHA COUNTY)
540	005	1346	KEITH
540	005	1430	KOPPERSTON (WYOMING COUNTY)
540	005	1528	LOW GAP
540	005	1590	MADISON
540	005	1807	MONTCOAL (RALEIGH COUNTY)
540	005	1845	MORRISVALE
540	005	1884	NELLIS
540	005	2002	ORGAS
540	005	2009	OTTAWA
540	005	2105	PEYTONA

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
540	005	2165	PRENTER
540	005	2206	RACINE
540	005	2225	RAMAGE
540	005	2277	RESTON
540	005	2302	RIDGEVIEW
540	005	2357	RUMBLE
540	005	2410	SETH
540	005	2584	SYLVESTER
540	005	2648	TWILIGHT
540	005	2659	VAN
540	005	2820	WHARTON
540	005	2850	WHITESVILLE
540	007	0360	BURNSVILLE
540	007	0837	EXCHANGE
540	007	1050	GLENVILLE
540	007	1204	LITTLE BIRCH
540	009	0220	BETHANY
540	009	0585	COLLIERS
540	009	0930	FOLLANSBEE
540	009	2676	VIRGINVILLE
540	009	2730	WEIRTON (HANCOCK COUNTY)
540	009	2750	WELLSBURG
540	009	2888	WINDSOR HEIGHTS
540	015	0197	BENTREE
540	015	0242	BICKMORE
540	015	0550	CLAY
540	015	0691	DILLE
540	015	0905	ELKHURST
540	015	0928	FOLA
540	015	1494	LIZEMORES
540	015	2194	QUEEN SHOALS (KANAWHA COUNTY)
540	015	2860	WIDEN
540	019	0055	ALLOY
540	019	0100	ANSTED
540	019	0162	BEARDS FORK
540	019	0168	BEELICK KNOB
540	019	0170	BECKLEY
540	019	0172	BECKWITH
540	019	0187	BELLWOOD
540	019	0188	BELVA
540	019	0280	BOOMER
540	019	0323	BROOKLYN
540	019	0400	CANNELTON
540	019	0407	CAPERTON
540	019	0422	CARLISLE
540	019	0563	CLIFFTOP
540	019	0644	CUNARD
540	019	0648	DANESE
540	019	0672	DEEP WATER
540	019	0714	EAGLE
540	019	0730	EAST RAINELLE (GREENBRIER COUNTY)

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
540	019	0812	ELKRIDGE
540	019	0924	ELVERTON
540	019	0870	FALLSVIEW
540	019	0890	FAYETTEVILLE
540	019	0971	GAMOCA
540	019	0990	GAULEY BRIDGE
540	019	1032	GLEN JEAN
540	019	1165	HARVEY
540	019	1208	HICO
540	019	1212	HILTON VILLAGE
540	019	1240	HOPEWELL
540	019	1301	INGRAM BRANCH
540	019	1325	JODIE
540	019	1344	KAYNOOR
540	019	1388	KILSYTH
540	019	1391	KIMBERLY
540	019	1392	KINCAID
540	019	1400	KINGSTON
540	019	1437	LANDISBURG
540	019	1438	LAWTON
540	019	1439	LAYLAND
540	019	1474	LICK FORK
540	019	1492	LIVELY
540	019	1497	LOCHGELLY
540	019	1507	LONGACRE
540	019	1508	LONG BRANCH
540	019	1511	LOCKOUT
540	019	1593	MAHAN
540	019	1632	MAPLEWOOD
540	019	1658	MARTING
540	019	1730	MEADOW BRIDGE
540	019	1748	MILBURN
540	019	1770	MINDEN
540	019	1810	MONTGOMERY
540	019	1870	MOUNT HOPE
540	019	1958	NUTTALL
540	019	1970	OAK HILL
540	019	2020	PAGE
540	019	2070	PAX
540	019	2160	POWELLTON
540	019	2176	PRICE HILL
540	019	2199	QUINNIMONT
540	019	2325	ROBSON
540	019	2414	SEWELL
540	019	2450	SMITHERS
540	019	2526	SPRING DALE
540	019	2568	SUMMERLEE
540	019	2572	SUN
540	019	2577	SUN
540	019	2598	THAYER
540	019	2620	THURMOND

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
540	019	2884	WILLIS BRANCH
540	019	2895	WINONA
540	021	0128	BALDWIN
540	021	0360	BURNSVILLE (BRAXTON COUNTY)
540	021	1008	GILMER
540	021	1050	GLENVILLE
540	021	2392	SAND FORK
540	023	0160	BAYARD
540	023	1202	HENRY
540	025	1874	MOUNT STORM
540	025	0084	ANJEAN
540	025	0421	CARL (NICHOLAS COUNTY)
540	025	0495	CHARMCO
540	025	0556	CLEARCO
540	025	0564	CLINTONVILLE
540	025	0618	CRICHTON
540	025	0705	DUC
540	025	0730	EAST RAINELLE
540	025	0860	FALLING SPRING
540	025	1323	JETSVILLE (NICHOLAS COUNTY)
540	025	1458	LESLIE
540	025	1470	LEWISBURG
540	025	1635	MARFRANCE
540	025	1728	MEADOW BLUFF
540	025	2200	QUINWOOD
540	025	2210	RAINELLE
540	025	2290	RICHWOOD (NICHOLAS COUNTY)
540	025	2360	RUPERT
540	029	2868	WILLIAMSBURG
540	029	0530	CHESTER
540	029	1900	NEW CUMBERLAND
540	033	2730	WEIRTON
540	033	0281	BOOTHSVILLE (MARION COUNTY)
540	033	0320	BRIDGEPORT
540	033	0324	BROWN
540	033	0540	CLARKSBURG
540	033	0612	CRAIGMOOR
540	033	0695	DOLA
540	033	0828	ENTERPRISE
540	033	1027	GLEN FALLS
540	033	1054	GOODHOPE
540	033	1096	GYPSY
540	033	1168	HAYWOOD
540	033	1203	HEPZIBAH
540	033	1310	JANE LEW (LEWIS COUNTY)
540	033	1324	JOHNSTOWN
540	033	1520	LOST CREEK
540	033	1530	LUMBERPORT
540	033	1587	MCWHORTER
540	033	1733	MEADOWBROOK
540	033	1860	MOUNT CLARE

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
540	033	1960	NUTTER FORT
540	033	2012	OWINGS
540	033	2035	PEPPER (BARBOUR COUNTY)
540	033	2126	PINE BLUFF
540	033	2197	QUIET DELL
540	033	2331	ROMINES MILLS
540	033	2391	SALTWELL
540	033	2399	SARDIS
540	033	2430	SHINNSTON
540	033	2500	SPELTER
540	033	2760	WEST MILFORD
540	033	2885	WILSONBURG
540	033	2898	WOLF S MMIT
540	033	2910	WORTHINGTON (MARION COUNTY)
540	039	0015	ACME
540	039	0063	ALUM CREEK
540	039	0183	BELLE
540	039	0253	BLAKELEY
540	039	0255	BLOUNT
540	039	0363	BURNWELL
540	039	0365	CABIN CREEK
540	039	0400	CANNELTON (FAYETTE COUNTY)
540	039	0415	CARBON
540	039	0450	CEDAR GROVE
540	039	0480	CHARLESTON
540	039	0510	CHELYAN
540	039	0533	CINCO
540	039	0560	CLENDENIN
540	039	0569	COALBURG
540	039	0625	CROWN HILL
540	039	0675	DECOTA
540	039	0691	DIAMOND
540	039	0699	DRYBRANCH
540	039	0720	EAST BANK
540	039	0829	ESKDALE
540	039	0964	GALLAGHER
540	039	1120	HANDLEY
540	039	1125	HANSFORD
540	039	1206	HERNSHAW
540	039	1250	HUGHESTON
540	039	1340	KAYFORD
540	039	1615	MAMMOTH
540	039	1650	MARMET
540	039	1810	MONTGOMERY
540	039	1956	NOTOMINE
540	039	1992	OHLEY
540	039	1994	OLCOTT
540	039	2154	POND GAP
540	039	2160	POWELLTON (FAYETTE COUNTY)
540	039	2189	PUTNEY
540	039	2194	QUEEN SHOALS

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
540	039	2195	QUICK
540	039	2206	RACINE
540	039	2275	RENSFORD
540	039	2277	REPUBLIC
540	039	2406	SHARON
540	039	2437	SHREWSBURY
540	039	2480	SOUTH CHARLESTON
540	039	2537	STANDARD
540	039	2651	TYLER HEIGHTS
540	039	2700	WARD
540	039	2856	WHITTAKER
540	039	2892	WINIFREDE
540	041	0062	ALUM BRIDGE
540	041	0379	CAMDEN
540	041	0541	CHURCHVILLE
540	041	1310	JANE LEW
540	041	1393	KINCHELOE (HARRISON COUNTY)
540	041	2328	ROHRBOUGH
540	041	2654	VALLEY CHAPEL
540	041	2687	WALKERSVILLE
540	041	2790	WESTON
540	041	2792	WESTON
540	043	0308	BRANCHLAND
540	045	0010	ACCOVILLE
540	045	0070	AMHERSTDALE
540	045	0244	BIG CREEK
540	045	0254	BLAIR
540	045	0292	BRAEHOLM
540	045	0470	CHAPMANVILLE
540	045	0504	CHAUNCEY
540	045	0538	CHRISTIAN
540	045	0565	CLOTHIER
540	045	0590	CORA
540	045	0647	DABNEY
540	045	0677	DEHUE
540	045	0715	EARLING
540	045	0825	EMMETT
540	045	0830	ETHEL
540	045	1200	HENLAWSON
540	045	1230	HOLDEN
540	045	1315	JEFFREY (BOONE COUNTY)
540	045	1347	KELLY
540	045	1420	KISTLER
540	045	1434	LAKE
540	045	1500	LOGAN
540	045	1510	LORADO
540	045	1540	LUNDALE
540	045	1542	LYBURN
540	045	1610	MALLORY
540	045	1620	MAN
540	045	1790	MONAVILLE

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
540	045	1865	MOUNT GAY
540	045	2000	OMAR
540	045	2009	OTTAWA (BOONE COUNTY)
540	045	2077	PEACH CREEK
540	045	2078	PECKS MILL
540	045	2315	RITA
540	045	2348	ROSSMORE
540	045	2397	SARAH ANN
540	045	2403	SHAMROCK
540	045	2407	SHARPLES
540	045	2442	SLAGLE
540	045	2547	STIRRAT
540	045	2549	STOLLINGS
540	045	2565	STOWE
540	045	2583	SWITZER
540	045	2587	TAPLIN
540	045	2660	VERDUNVILLE
540	045	2662	VERNER (MINGO COUNTY)
540	045	2689	WANDA
540	045	2955	WHITMANS
540	045	2957	WILKINSON
540	045	2950	YOLYN
540	047	0050	ALGOMA
540	047	0075	ADONATE (TAZEWELL COUNTY VIRGINIA)
540	047	0090	ANAWALT
540	047	0110	ASHLAND
540	047	0112	ASCO
540	047	0126	BAILEYSVILLE
540	047	0127	AVONDALE
540	047	0140	BARTLEY
540	047	0164	BEARTOWN
540	047	0210	BERWIND
540	047	0245	BIG FC R
540	047	0247	BISHOP
540	047	0252	BLACK WOLF
540	047	0290	BRADSHAW
540	047	0405	CAPELS
540	047	0420	CARETTA
540	047	0580	COALWOOD
540	047	0630	CRUMPLER
540	047	0650	PANTHER
540	047	0670	DAVY
540	047	0760	ECKMAN
540	047	0800	ELKHORN
540	047	0827	ENGLISH
540	047	0900	FILBERT
540	047	0967	GARLAND
540	047	0970	GARY
540	047	1007	GILLIAM
540	047	1163	HARTWELL
540	047	1166	HAVACO

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
540	047	1179	HEMPHILL
540	047	1255	HULL
540	047	1300	IAEGER
540	047	1304	ISABAN
540	047	1320	JENKINJONES
540	047	1326	JOLO
540	047	1380	KEYSTONE
540	047	1390	KIMBALL
540	047	1431	KROLLITZ
540	047	1432	KYLE
540	047	1433	LANDGRAFF
540	047	1441	LECKIE
540	047	1471	LEX
540	047	1573	MCDOWELL
540	047	1600	MAITLAND
540	047	1670	MARYTOWN
540	047	1720	MAYBEURY
540	047	1785	MOHAWK
540	047	1882	MUNSON
540	047	1915	NEWHALL
540	047	1950	NORTHFORK
540	047	1954	NORTH SPRING (WYOMING COUNTY)
540	047	2030	PAGETON
540	047	2037	PANTHER
540	047	2161	POWHATAN
540	047	2163	PREMIER
540	047	2327	RODERFIELD
540	047	2393	SANDY HUFF
540	047	2530	SQUIRE
540	047	2578	SUPERIOR
540	047	2582	SWITCHBACK
540	047	2610	THORPE
540	047	2649	TWIN BRANCH
540	047	2656	VALLSCREEK
540	047	2661	VENUS
540	047	2680	VIVIAN
540	047	2690	WAR
540	047	2712	WARRIORMINE
540	047	2740	WELCH
540	047	2863	WILCOE
540	047	2909	WORTH
540	049	2960	YUKON
540	049	0133	BARRACKVILLE
540	049	0281	BOOTHSVILLE
540	049	0425	CAROLINA
540	049	0840	FAIRMONT
540	049	0850	FAIRVIEW
540	049	0880	FARMINGTON
540	049	0945	FOUR STATES
540	049	1080	GRANT TOWN
		1234	HOODSVILLE

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
540	049	1302	IDAMAY
540	049	1328	JORDAN
540	049	1385	KILARM
540	049	1394	KINGMONT
540	049	1800	MONONGAH
540	049	2205	RACHEL
540	049	2320	RIVESVILLE
540	049	2910	WORTHINGTON
540	051	0200	BENWOOD
540	051	1850	MOUNDSVILLE
540	053	1063	GRAHAM
540	053	1160	HARTFORD
540	053	1450	LEON
540	053	2755	WEST COLUMBIA
540	055	0105	ARISTA
540	055	0175	BEESON
540	055	0573	COALDALE
540	055	0634	CRYSTAL
540	055	0696	DOTT
540	055	0955	FREEMAN
540	055	1053	GOODWILL
540	055	1207	HIAWATHA
540	055	1570	MCCOMAS
540	055	1710	MATOAKA
540	055	1805	MONTCALM
540	055	2528	SPRINGTON
540	055	2813	WEYANOKE
540	057	0132	BARNUM
540	057	0214	BERYL
540	057	0790	ELK GARDEN
540	057	0826	EMORYVILLE
540	057	1874	MOUNT STORM (GRANT COUNTY)
540	057	1975	OAKMONT
540	057	2120	PIEDMONT
540	057	2411	SHAW
540	057	2567	SULPHUR
540	059	0125	BAISDEN
540	059	0241	BIAS
540	059	0283	BORDERLAND
540	059	0500	CHATTAROY
540	059	0535	CINDERELLA
540	059	0680	DELBARTON
540	059	0692	DINGESS
540	059	0763	EDGARTON
540	059	1000	GILBERT
540	059	1015	GLENALUM
540	059	1115	HAMPDEN
540	059	1304	ISABAN
540	059	1335	JUSTICE
540	059	1360	KERMIT
540	059	1436	LANDO MINES

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
540	059	1496	LOBATA
540	059	1700	MATEWAN
540	059	1785	MOHAWK (MCDOWELL COUNTY)
540	059	1881	MYRTLE
540	059	1937	NEWTOWN
540	059	1945	NOLAN
540	059	2207	RAGLAND
540	059	2242	RAWL
540	059	2250	RED JACKET
540	059	2523	SPRIGG
540	059	2577	SUMOSA
540	059	2588	TAYLORVILLE
540	059	2597	THACKER
540	059	2862	VERNER
540	059	2814	WHARNCLIFFE
540	059	2870	WILLIAMSON
540	061	0106	ARNETTSVILLE
540	061	0109	ARTHURDALE (PRESTON COUNTY)
540	061	0250	BLACKSVILLE
540	061	0292	BOOTH
540	061	0442	CASSVILLE
540	061	0684	DELLSLOW
540	061	0765	EDNA
540	061	0835	EVERETTVILLE
540	061	0850	FAIRVIEW (MARION COUNTY)
540	061	1090	GRANVILLE
540	061	1224	HOARD
540	061	1321	JERE
540	061	1596	MAIDSVILLE
540	061	1840	MORGANTOWN
540	061	2005	OSAGE
540	061	2192	PURSGLOVE
540	061	2296	RIDGEDALE
540	061	2544	STEWARTSTOWN
540	061	2800	WESTOVER
540	067	6680	POINT MARION (FAYETTE COUNTY PA)
540	067	0188	BELVA
540	067	0197	BENTREE (CLAY COUNTY)
540	067	0249	BIRCH RIVER
540	067	0375	CALVIN
540	067	0421	CARL
540	067	0613	CRAIGSVILLE
540	067	0693	DIXIE
540	067	0697	DRENNEN
540	067	0826	ENON
540	067	0895	FENWICK
540	067	0990	GAULEY BRIDGE (FAYETTE COUNTY)
540	067	1005	GILBOA
540	067	1229	HOLCOMB
540	067	1323	JETSVILLE
540	067	1446	LEIVASY

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
540	067	1498	LOCKWOOD
540	067	1877	MUDDLETY
540	067	1887	NETTIE
540	067	2200	QUINWOOD
540	067	2290	RICHWOOD
540	067	2570	SUMMERSVILLE
540	067	2591	SWISS
540	067	2625	TIOGA
540	067	2658	VAUGHAN
540	069	0816	ELM GROVE
540	069	2630	TRIADELPHIA
540	069	2713	WARWOOD
540	069	2765	WEST LIBERTY
540	069	2830	WHEELING
540	075	1322	JERRYVILLE (WEBSTER COUNTY)
540	075	2552	SLATYFORK
540	077	0030	ALBRIGHT
540	077	0109	ARTHURDALE
540	077	0284	BORGMAN
540	077	0310	BRANDONVILLE
540	077	0316	BRETZ
540	077	0330	BRUCETON MILLS
540	077	0352	BULL RUN
540	077	0472	CASCADE
540	077	0592	CORINTH
540	077	0614	CRANESVILLE
540	077	0641	CUZZART
540	077	0893	FELLOWSVILLE
540	077	1167	HAZELTON
540	077	1246	HOWESVILLE
540	077	1306	IRONA
540	077	1348	KEMPTON
540	077	1410	KINGWOOD
540	077	1631	MANOWN
540	077	1690	MASONTOWN
540	077	1890	NEWBURG
540	077	2145	PISGAH
540	077	2260	REEDSVILLE
540	077	2600	THOMAS (TUCKER COUNTY)
540	077	2640	TUNNELTON
540	077	2655	VALLEY POINT
540	079	0129	BANCROFT
540	079	2243	RAYMOND CITY
540	081	0065	AMEAGLE
540	081	0073	AMIGO
540	081	0107	ARNETT
540	081	0165	BEAVER
540	081	0170	BECKLEY
540	081	0215	BESOCO
540	081	0261	BLUE JAY
540	081	0294	BRAGG

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
540	081	0537	CIRTSVILLE
540	081	0557	CLEAR CREEK
540	081	0568	COAL CITY
540	081	0587	COOL RIDGE
540	081	0610	CRAB ORCHARD
540	081	0615	CRANBERRY
540	081	0649	DANIELS
540	081	0694	DOROTHY
540	081	0724	EASTGULF
540	081	0750	ECCLES
540	081	0767	EDWIGHT
540	081	0832	EUNICE
540	081	0905	FIRECO
540	081	0907	FITZPATRICK
540	081	1022	GLENDANIEL
540	081	1052	GLEN WHITE
540	081	1067	GRANDVIEW
540	081	1177	HELEN
540	081	1243	HOTCHKISS
540	081	1327	JOHBEN
540	081	1387	KILLARNEY
540	081	1435	LANARK
540	081	1444	LEEVALE
540	081	1460	LESTER
540	081	1478	LILLYBROOK
540	081	1546	MABEN (WYOMING COUNTY)
540	081	1550	MABSCOTT
540	081	1567	MCALPIN
540	081	1572	MCCREERY
540	081	1634	MARFORK
540	081	1807	MONTCOAL
540	081	1870	MOUNT HOPE (FAYETTE COUNTY)
540	081	1879	MUNITION
540	081	1883	NOAMA
540	081	2006	OSWALD
540	081	2014	PACKSVILLE
540	081	2081	PEMBERTON
540	081	2116	PICKSHIN
540	081	2132	PINEKNOB
540	081	2143	PINEY VIEW
540	081	2147	PLUTO
540	081	2155	POSEY
540	081	2169	PRINCE (FAYETTE COUNTY)
540	081	2182	PRINCEWICK
540	081	2186	PROSPERITY
540	081	2220	RALEIGH
540	081	2280	RHODELL
540	081	2406	SHADY SPRING
540	081	2441	SLAB FORK
540	081	2470	SOPHIA
540	081	2520	SPRAGUE

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
540	081	2535	STANAFORD
540	081	2545	STICKNEY
540	081	2560	STOTESBURY
540	081	2568	SULLIVAN
540	081	2579	SURVEYOR
540	081	2586	TAMS
540	081	2594	TERRY
540	081	2836	WHITBY
540	081	2837	WHITE OAK
540	081	2850	WHITESVILLE (BOONE COUNTY)
540	081	2887	WINDING GULF
540	083	2930	WYCO (WYOMING COUNTY)
540	083	0024	ADOLPH
540	083	0194	BEMIS
540	083	0285	BOWDEN
540	083	0441	CASSITY
540	083	0507	CHEAT BRIDGE
540	083	0578	COALTON
540	083	0646	DAILEY
540	083	0710	DURBIN (POCAHONTAS COUNTY)
540	083	0810	ELKINS
540	083	1009	GLADY
540	083	1128	HARDING
540	083	1130	HARMAN
540	083	1178	HELVETIA
540	083	1548	MABIE
540	083	1750	MILL CREEK
540	083	1808	MONTERVILLE
540	083	1955	NORTON
540	083	2114	PICKENS
540	083	2552	SLATY FORK (POCAHONTAS COUNTY)
540	083	2658	VALLEY HEAD
540	089	1220	HINTON
540	091	0920	FLEMINGTON
540	091	1060	GRAFTON
540	091	1575	MCGEE
540	091	2187	PRUNTYTOWN
540	091	2346	ROSEMONT
540	091	2438	SIMPSON
540	091	2608	THORNTON
540	091	2752	WENDEL
540	093	0029	ALBERT
540	093	0583	COKETON
540	093	0660	DAVIS
540	093	2600	THOMAS
540	097	0028	ADRIAN
540	097	0045	ALEXANDER
540	097	0340	BUCKHANNON
540	097	0455	CENTURY (BARBOUR COUNTY)
540	097	0616	CRAWFORD (LEWIS COUNTY)
540	097	0815	

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
540	097	1225	HODGESVILLE
540	097	1342	KANAWI-A HEAD
540	097	2079	PECKS RUN
540	097	2193	QUEENS
540	097	2585	TALLMANSVILLE
540	097	2684	VOLGA (BARBOUR COUNTY)
540	099	0629	CRUM
540	099	0726	EAST LYNN
540	101	0202	BERGOO
540	101	0264	BOLAIR
540	101	0561	CLEVELAND
540	101	0600	COWEN
540	101	0645	CURTIN
540	101	0691	DIANA
540	101	1097	HACKER VALLEY
540	101	1322	JERRYVILLE
540	101	2114	PICKENS (RANDOLPH COUNTY)
540	101	2688	WANETA
540	101	2725	WEBSTER SPRINGS
540	103	1930	NEW MARTINSVILLE
540	109	0060	ALPOCA
540	109	0073	AMIGO
540	109	0105	ARISTA (MERCER COUNTY)
540	109	0126	BAILEYSVILLE
540	109	0153	BASIN
540	109	0274	BOLT (RALEIGH COUNTY)
540	109	0345	BUD
540	109	0558	CLEAR FORK
540	109	0575	COAL MOUNTAIN
540	109	0591	CORINNE
540	109	0598	COVEL
540	109	0630	CRUMPLER (MCDOWELL COUNTY)
540	109	0642	CYCLONE
540	109	0673	DEERFIELD
540	109	0996	GIATTO (MERCER COUNTY)
540	109	1040	GLEN ROGERS
540	109	1124	HANOVER
540	109	1204	HERNDON
540	109	1300	IAEGER (MCDOWELL COUNTY)
540	109	1303	IKES FORK
540	109	1307	ITMANN
540	109	1430	KOPPERSTON
540	109	1540	LUNDALE (LOGAN COUNTY)
540	109	1543	LYNCO
540	109	1546	MABEN
540	109	1738	MICAJAH
540	109	1880	MULLENS
540	109	1990	OCEANA
540	109	2007	OTSEGO
540	109	2140	PINEVILLE
540	109	2385	SARINE

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
560	109	2542	STEELES
560	109	2543	STEPHENSON
560	109	2628	TRALEE
560	109	2897	WOLF PEN
560	109	2930	WYCO
560	109	2935	WYOMING
560	001	0720	ROCK RIVER
560	003	0540	MANDERSON
560	005	0310	GILLETTE
560	005	0845	TURNERCREST
560	007	0030	BAGGS
560	007	0153	CRESTON (SWEETWATER COUNTY)
560	007	0190	DIXON
560	007	0240	ELK MOUNTAIN
560	007	0380	HANNA
560	007	0570	MEDICINE BOW
560	007	0690	RAWLINS
560	007	0740	SARATOGA
560	007	0742	SAVERY
560	007	0745	SEMINOE DAM
560	007	0867	WALCOTT
560	009	0055	BILL
560	009	0330	GLENROCK
560	009	0500	LOST SPRINGS
560	011	0015	ALADDIN
560	011	0790	SUNDANCE
560	011	0881	WILDCAT
560	013	0400	HUDSON
560	013	0460	LANDER
560	013	0605	MORTON
560	013	0630	PAVILLION
560	013	0737	SAINT STEPHENS
560	013	0837	THREE FORKS (CARBON COUNTY)
560	017	0155	CROSBY
560	017	0308	GEBO
560	017	0341	GRASS CREEK
560	017	0440	KIRBY
560	017	0517	LUCERNE
560	017	0830	THERMOPOLIS
560	019	0060	BUFFALO
560	019	0477	LINCH
560	019	0585	MIDWEST (NATRONA COUNTY)
560	019	0804	SUSSEX
560	023	0025	ALPINE
560	023	0180	DIAMONDVILLE
560	023	0308	FRONTIER
560	023	0318	GLENCOE
560	023	0335	GOMER
560	023	0430	KEMMERER
560	023	0582	MERNA (SUBLETTE COUNTY)
560	023	0865	VIOLA

05-26-78

LIST OF TOWN NAMES

STATE CODE	COUNTY CODE	TOWN NUMBER	TOWN NAME
560	025	0028	APMINTO
560	025	0090	CASPER
560	025	0330	GLENROCK (CONVERSE COUNTY)
560	025	0658	POWDER RIVER
560	029	0130	CODY
560	029	0238	ELK BASIN
560	029	0307	GARLAND
560	029	0580	MEETEETSE
560	033	0005	ACME
560	033	0036	BANNER
560	033	0432	KENDRICK
560	033	0442	KLEENBURN
560	033	0597	MONARCH
560	033	0680	RANCHESTER
560	033	0750	SHERIDAN
560	035	0158	DANIEL
560	037	0056	BLACK BUTTES
560	037	0153	CRESTON
560	037	0373	GUNN
560	037	0655	POINT OF ROCKS
560	037	0670	QUEALY
560	037	0695	RELIANCE
560	037	0730	ROCK SPRINGS
560	037	0776	SOUTH BAXTER
560	037	0800	SUPERIOR
560	037	0886	WINTON
560	039	1158	HIAWATHA (MOFFAT COUNTY-COLORADO)
560	041	0410	JACKSON
560	041	0024	ALMY
560	041	0270	EVANSTON
560	043	0676	RAGAN
560	043	0440	KIRBY (HOT SPRINGS COUNTY)
560	045	0810	TEN SLEEP
560	045	0610	NEWCASTLE
		0834	THORNTON

Appendix J

LIST OF U.S. BUREAU OF MINES BED
CODES AND NAMES

J

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BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE

STATE: 010 ALABAMA

CODE	NAME
1	VARIOUS
182	LOWER MAYLENE MAYLENE
194	MONTEVALLO
198	BROOKWOOD
199	CEDAR COVE MILLDALE
200	CARTER JOHNSON
201	CLEMENTS
202	YESHIC
204	HELENA HENRYELLEN MAMMOTH
207	GWIN
218	COBB COBB (UPPER AND LOWER COBB)
220	LOWER THOMPSON THOMPSON
223	GHOLSON
225	BLOCTON NO. 1 CLARK CLARK (UPPER AND LOWER CLARK) WOODSTOCK
227	CORONA PRATT
228	CARDIFF FIRE CLAY NICKEL PLATE

STATE: 010 ALABAMA

CODE	NAME
229	AMERICAN
236	BYNUM LOWER BYNUM PAYNE
239	BLACK SHALE COKE YOUNGBLOOD
240	ATKINS BUCK
242	COAL CITY
247	BROKEN ARROW
277	WADSWORTH WATERWORKS
278	NEW CASTLE
279	BOWERS HORSE CREEK MARY LEE MOUNT CARMEL
280	BLUE CREEK
281	JAGGER
296	HARKNESS
298	JEFFERSON
299	BLACK CREEK
313	BRAGG UPPER NUNNALLY
314	NUNNALLY NUNNALLY COAL ZONE
315	GLASS

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE

STATE: 010 ALABAMA

CODE	NAME
315	LOWER NUNNALLY
326	BATTLE CREEK ETNA NELSON
336	GOULD
338	BERRY MOUNTAIN INLAND ROSA SWANSEA
364	UNDERWOOD
970	AMERICAN AND MARY LEE MARY LEE AND AMERICAN
975	AMERICAN AND PRATT PRATT AND AMERICAN
977	BLACK CREEK AND JEFFERSON JEFFERSON AND BLACK CREEK
979	BROOKWOOD AND HARKNESS
980	BROOKWOOD AND CARTER
981	BROOKWOOD AND MILLDALE
982	CLARK AND GHOLSON
984	PRATT AND MARY LEE
985	YOUNGBLOOD AND WOODSTOCK
986	WOODSTOCK AND THOMPSON

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 4

STATE: 020 ALASKA

CODE	NAME
1	VARIOUS

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 5

STATE: 040 ARIZONA

CODE	NAME
502	BLUE
503	RED
799	UNCORRELATED

STATE: 050 ARKANSAS

CODE	NAME
551	PARIS
554	CHARLESTON
	COAL RIDGE
	PHILPOTT
	SKY
562	UPPER HARTSHORNE
	UPPER SPADRA
563	BERNICE
	DENNING
	EXCELSIOR
	EXCELSIOR THIN VEIN
	HARTSHORNE
	HUNTINGTON
	JENNY LIND
	LOWER HARTSHORNE
	LOWER SPADRA
	MAMMOTH
	PICKAPIZ
	SHINN BASIN
	SPADRA
799	UNCORRELATED

STATE: 000 COLORADO

CODE	NAME
1	VARIOUS
2	VARIOUS
516	ALLEN CIRUELA
704	A (CARBONDALE FIELD)
705	B (CARBONDALE FIELD) COAL BASIN B
709	HASTINGS
711	LOWER STARKVILLE
712	NONAC
715	WHEELER
717	MORLEY
718	ANDERSON
719	UPPER LUDLOW
722	UPPER RUGBY
724	RAPSON
725	WALSEN
727	PALISADE
729	FREDERICK
730	LOWER ROBINSON
732	MAGNET OCEAN WAVE
733	FOX HILL
735	CASS

TABLE OF CONTENTS

	Page	
Introduction	1	1/A8
Data Base	2	1/A9
Computer Program	2	1/A9
Program Constraints	4	1/A11
ECL Samples	4	1/A11
System Flow	5	1/A12
Accessory Appendices	6	1/A13

List of Appendices

Appendix A:	Coal Sulfur Analyses Data Base Format	A-1	1/B1
Appendix B:	FORTRAN V Computer Program	B-1	1/B3
Appendix C:	Input/Output Flow Diagram	C-1	1/C9
Appendix D:	Sample of Coal Analyses Data File	D-1	1/C10
Appendix E:	Sample Output of Analytical Program	E-1	1/C12
Appendix F:	Interconnections Between Main Program and Various Subroutines/Function	F-1	1/G5
Appendix G:	Index to Mine Locations and Seams Produced	G-1	1/G7
Appendix H:	List of FIPS Codes For States and Counties	H-1	2/A6
Appendix I:	List of U.S. Bureau of Mines Town Codes and Names	I-1	2/C4
Appendix J:	List of U.S. Bureau of Mines Bed Codes and Names	J-1	3/G1

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 8

STATE: 080 COLORADO

CODE	NAME
736	ZENITH
738	WOLF CREEK
739	DELAGUA NO. 1
741	MAJESTIC
742	LOWER LUDLOW
744	CHANDLER
745	DIRTY ROBINSON ROBINSON UPPER ROBINSON
747	EMPIRE
748	PINNACLE
749	ROCKVALE
750	WADGE
751	PRIMERO
753	B SOMERSET UPPER HARTSHORNE
754	BEAR C JUANITA C
755	D OLIVER
756	E RED CANON UPPER OLIVER
758	BROOKSIDE
759	ALLEN

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 9

STATE: 080 COLORADO

CODE	NAME
759	SUNSHINE
760	LENNOX
762	DRY CREEK
763	CAMERON
764	BEAR CANYON NO. 6
765	JACK-O-LANTERN PINE GULCH
767	RADIANT
769	COLLOM
770	CAMEO
799	UNCORRELATED
970	UPPER AND LOWER LUDLOW
971	JACK-O-LANTERN AND MONARCH
974	A AND ANDERSON (CARBONDALE FIELD)
975	A AND B (CARBONDALE FIELD)
978	B AND C (GRAND MESA AND SOMERSET FIELDS)

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 10

STATE: 130 GEORGIA

CODE	NAME
258	A NO. 1
263	DURHAM NO. 3
267	DURHAM NO. 4 NO. 4
272	DURHAM NO. 5 NO. 5 VANDEVER MARKER
320	AETNA CASTLE ROCK ETNA LOWER CLIFF NO. 8 RACCOON
327	BLUFF DADE NO. 9
335	RATTLESNAKE
365	RED ASH
799	UNCORRELATED UNKNOWN
941	DURHAM AND A
942	DURHAM AND NO. 4

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 11

STATE: 160 IDAHO

CODE	NAME
608	BROWN BEAR
799	UNCORRELATED

STATE: 170 ILLINOIS

CODE	NAME
1	VARIOUS
480	CUTLER
	DANVILLE
	DANVILLE (NO. 7)
	EQUALITY (NO. 7)
	LASALLE FIRST VEIN
	NO. 7
	SPARLAND
	STREATOR (NO. 7)
494	BELLEVILLE (NO. 6)
	BRERETON
	ETHERLY
	HERRIN
	HERRIN (NO. 6)
	LASALLE SECOND VEIN
	MURDOCK
	NO. 06
	NO. 6
	SHEFFIELD
489	BLAIR
	HARRISBURG
	HARRISBURG (NO. 5)
	MOUNT STERLING
	NO. 5
	RUSHVILLE
	SPRINGFIELD
	SPRINGFIELD (NO. 5)
496	COLCHESTER
	COLCHESTER (NO. 2)
	DELHI
	EXETER
	LASALLE
	LASALLE THIRD VEIN
	MORRIS (NO. 2)
	NO. 2
	WILMINGTON
506	DAVIS
	MEDORA
	WILEY

STATE: 170 ILLINOIS

CODE	NAME
529	LITCHFIELD NO. 1 ROCK ISLAND ROCK ISLAND (NO. 1) SEVILLE
900	NO. 5 AND NO. 6 NOS. 5 AND 6
901	DAVIS AND DEKOVEN
908	NOS. 2 AND 3
910	NO. 2 AND NO. 5
922	NO. 2 AND NO. 7

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BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 14

STATE: 180 INDIANA

CODE	NAME
1	VARIOUS
480	DANVILLE MILLERSBURG NO. VII UPPER MILLERSBURG
483	DUGGER HYMERA LOWER MILLERSBURG MILLERSBURG NO. VI
489	ALUM CAVE NO. V PETERSBURG SPRINGFIELD V
490	HOUCHIN CREEK NO. IV-A SEMI BRAZIL BLOCK SEMI-BRAZIL BLOCK
493	LINTON NO. IV NO. V SURVANT
502	NO. III SEELYVILLE STAUNTON
529	BUFFALOVILLE HOLLAND MINSHALL
537	NO. 2 BLOCK UPPER BLOCK UPPER BLOCK ZONE UPPER BRAZIL BLOCK
545	LOWER BLOCK LOWER BLOCK ZONE

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE

STATE: 180 INDIANA

CODE	NAME
545	LOWER BRAZIL BLOCK NO. 1 BLOCK
799	UNCORRELATED
990	NO. III AND NO. IV NOS. III AND IV
992	NOS. IV AND V

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 18

STATE: 190 IOWA

CODE	NAME
1	VARIOUS
442	NODAWAY
484	CENTERVILLE MYSTIC NO. 1 UPPER MYSTIC
517	LUCAS COUNTY NO. 5
530	DES MOINES NO. 1 FORD LOWER LOWER-FORD MAMMOTH NO. 3
539	CLIFFLAND
548	BLACK JACK MANDECK UPPER
550	HASTIE
799	UNCORRELATED

STATE: 200 KANSAS

CODE	NAME
1	VARIOUS
442	NODAWAY
492	BEVIER DRYWOOD IRON CLAD LEAVENWORTH LIMESTONE PIONEER WILLIAMS
499	BASTARD FLEMING MINERAL RIDER
504	BAXTER CHERRY CREEK LIGHTNING CREEK MINERAL TWENTY-TWO INCH UPPER CHEROKEE UPPER WEIR-PITTSBURG
513	CHEROKEE LOWER LOWER CHEROKEE WEIR-PITTSBURG
904	FLEMING AND MINERAL
906	WEIR-PITTSBURG AND ROWE
909	WEIR-PITTSBURG AND COLUMBUS
940	BEVIER AND CROWEBURG

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 18

STATE: 211 KENTUCKY EAST

CODE	NAME	
1	VARIOUS	
96	HAZARD NO. 9	
	HELTON	
	HINDMAN	
	HINDMAN NO. 9	
	STAMPER	
104	HAZARD NO 7	
	HAZARD NO. 07	
	HAZARD NO. 4	
	HAZARD NO. 7	
	HAZARD NO. 7	
	HIGH SPLINT	0070
	NICKELL	
	NO. 12	
	OAKLEY	
	QUEEN MARY	
	RED SPRING	
	RED SPRINGS	
111	ADELE	
	CLOD	
	COALBURG	
	CORNETT	
	DINKY	
	HAZARD	
	HAZARD NO. 05-A	
	HAZARD NO. 5-A	
	HAZARD NO. 5-A	
	HAZARD NO. 6	0030
	HAZARD NO.5-A	
	HAZARD 5-A	
	HITCHENS NO. 3	
	INDEX	
	LEATHERWOOD	
	MORRIS	
	NO. 11	
	NO. 3 CLOD	
	PEACH ORCHARD	
	PRATER	
	PRINCESS NO. 3	
	THACKER	
	TOP HILL	

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE

STATE: 211 KENTUCKY EAST

CODE	NAME
111	UPPER PEACH ORCHARD
121	FLATWOOD
	FLATWOODS
	HADDIX
	HAZARD NO. 5
	LOWER HADDIX
	WINIFREDE
126	HIGNITE
	LIMESTONE
	LOWER HIGNITE
	NO. 10
	PARDEE
	PARSONS
	SMITH
	UPPER HAMLIN
134	FIRE CLAY RIDER
	HAZARD NO. 4 RIDER
	HAZARD NO. 4-A
	KLONDIKE
	MCQUIRE
	STERLING
	UPPER DEAN
	UPPER FIRE CLAY
135	BEVINS
	CHILTON
	DEAN
	FIRE CLAY
	FIRE CLAY NO. 4
	FIRECLAY
	HAZARD
	HAZARD NO 4
	HAZARD NO. 4
	HYDEN
	NO. 7
	POPLAR LICK
	POPULAR LICK
	SPRINGFIELD
	TAYLOR 7
	WALLINS
	WALLINS CREEK

STATE: 211 KENTUCKY EAST

CODE	NAME
137	HERNSHAW
	LOWER WHITESBURG
	MILLS
	WHITESBURG
142	AMBURGY
	BOWLING
	CANNEL CITY
	CREECH
	DIRTY
	GUN CREEK
	HOWARD
	JACK ROCK
	JACKROCK
	KNOTT
	LOW SPLINT
	MASON
	MOSS
	NO. 6
	RIM
	SANDSTONE PARTING
	UPPER MASON
	WILLIAMSON
151	
	BEECH CREEK
	C
	CANEY
	CEDAR GROVE
	DARBY
	DARBY NO. 5
	DARBY NO. 5
	ELKHORN
	ELKHORN NO. 03
	ELKHORN NO. 3
	HARLAN
	JELLICO
	KEOKEE
	LITTLE CANEY
	LOWER MASON
	MILLERS CREEK
	MINGO
	NO. 5
	NOSBEN

STATE: 211 KENTUCKY EAST

CODE	NAME
151	STEARNS NO. 5
	STRAIGHT CREEK
	THACKER
	TOM COOPER
	UPPER CEDAR GROVE
	UPPER ELKHORN
	UPPER ELKHORN NO. 3
	UPPER TAGGART
	UPPER VAN LEAR
	VAN LEAR
152	ELKHORN LEADER
	ELKHORN MARKER
	KELLIOKA
	KELLIOKIA
	TURNER
154	*COLLIER
	ELKHORN NO. 2
	GRASSY
	LEONARD B
	LOWER CEDAR GROVE
	LOWER THACKER
	LOWER VAN LEAR
	UPPER ELKHORN NO. 2
157	ALMA
	B
	BLUE GEM
	ELKHORN NO. 1
	HANCE
	HARLAN
	HARLAN NO. 3
	LACEY CREEK
	MARLAN
	NO. 11
	NO. 3
	PENNY
	RICH MOUNTAIN
	UPPER ELKHORN NO. 1
	WILSON
168	A
	BACON CREEK

STATE: 21 KENTUCKY EAST

CODE	NAME
160	BENNETT FORK
	BLACK WAX
	FREEBURN
	IMBODEN
	LOWER BLUE GEM
	LOWER ELKHORN
	LOWER HARROWBONE
	NO. 2 GAS
	POND CREEK
	SHELBY GAP
	VULCAN
	WARFIELD
	WAYLAND
174	BINGHAM
	BURNS
	CLINTWOOD
	FEDS CREEK
196	AUXIER
212	COLONY
	HORSE CREEK
	HORSECREEK
	LILY
	MANCHESTER
	NO. 4
	PITTSBURGH
	RIVER GEM
	SWAMP ANGEL
	TERRYS FORK
	WHEELERSBURG
	WILLIAMSBURG
	ZACHARIAH
233	ELSWICK
287	BARREN FORK
	BOND
	BRUSH CREEK
	CORLEY
	HOLLOW
	MINE FORK
	NO. 3

STATE: 211 KENTUCKY EAST

CODE	NAME
287	SAND GAP STEARNS NO. 3
294	BEATTYVILLE BEAVER CREEK NEW LIVINGSTON NO. 2 STEARNS NO. 2 STEARNS NO. 2
303	NO. 1-1/2 STEARNS NO. 1-1/2
322	HUDSON LEE NO. 1 LIVINGSTON NO. 1 PARTING STEARNS NO. 1
799	UNCORRELATED
858	
863	HIGH SPLINT AND LOWER HIGNITE
871	NOS. 1 AND 1-1/2
872	HAZARD NO. 4 AND WHITESBURG
874	HAZARD NO. 4 AND HINDMAN
877	HAZARD NO. 7 AND HINDMAN
878	BLUE GEM AND JELLICO DARBY AND HARLAN ELKHORN NOS. 1 AND 3 HARLAH AND DARBY
879	CLINTWOOD AND HAGY
892	LOWER HIGNITE AND MASON
893	LOWER HIGNITE AND STERLING

0050

STATE: 211 KENTUCKY EAST

CODE	NAME
895	ALMA AND LOWER ELKHORN
901	ELKHORN NO. 2 AND HAZARD NO. 4
907	FIRE CLAY AND HAZARD NO. 5-A HAZARD NOS. 4 AND 5-A PEACH ORCHARD AND HAZARD NO. 4
908	HANCE AND MASON HARLAN AND MASON
909	HAZARD NOS. 5 AND 5-A
910	MASON AND STERLING
911	DEAN AND UPPER DEAN HAZARD NO. 4 AND HAZARD NO. 4 RIDER HAZARD NOS. 4 AND 4-A
913	ELKHORN NOS. 2 AND 3
930	CEDAR GROVE AND LOWER ELKHORN ELKHORN NO. 3 AND LOWER ELKHORN POND CREEK AND THACKER
935	WHITESBURG AND ELKHORN NO. 3
936	EL..HORN NO. 3 AND ELKHORN RIDER
939	ELKHORN NOS. 1 AND 2
941	HAZARD NOS. 4 AND 7
942	HAZARD NOS. 5-A AND 7 HAZARD NOS. 6 AND 7
945	HIGH AND LOW SPLINT HIGH SPLINT AND LOW SPLINT
951	HAZARD NO. 4 AND HORSE CREEK
956	ELKHORN NO. 3 AND HAZARD NO. 4 KEOKEE AND WALLINS VAN LEAR AND SPRINGFIELD

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 25

STATE: 211 KENTUCKY EAST

CODE	NAME
983	CLINTWOOD AND LOWER ELKHORN

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 26

STATE: 212 KENTUCKY WEST

CODE	NAME
1	VARIOUS
480	GREEN RIVER NO. 14
482	BAKER CORYLDON NEBO NO. 13 NORTONVILLE SMITH MILLS
483	NO. 12
484	NO. 11
489	MAIN MULFORD NO. 9 SPRINGFIELD
506	BELTON DAVIS FOUR FOOT HARTFORD JOHN WALTHAM NO. 6
799	UNCORRELATED
900	NO. 9 AND NO. 11 NOS. 9 AND 11
902	NOS. 6 AND 9
905	NO. 11 AND NO. 12 NOS. 11 AND 12
907	NOS. 9 AND 11

STATE: 240 MARYLAND

CODE	NAME
1	VARIOUS
23	KOONTZ WAYNESBURG
29	LOWER SEWICKLEY SEWICKLEY TYSON
33	REDSTONE REDSTONE (UPPER AND LOWER BENCHES)
36	BIG VEIN ELK GARDEN FOURTEEN-FOOT PITTSBURGH
38	FIRST LITTLE PITTSBURGH LITTLE PITTSBURGH
42	FRANKLIN
55	BARTON ELK LICK FOUR-FOOT
60	HARLEM
62	BAKERSTOWN FREEPORT MAYNADIER UPPER BAKERSTOWN
63	HONEYCOMB LOWER BAKERSTOWN THOMAS THREE-FOOT
71	BEACHY DAVIS GRANTSVILLE KITTANNING SPLIT SIX UPPER FREEPORT

STATE: 240 MARYLAND

CODE	NAME
74	BARRELVILLE
	LOWER FREEPORT
	PARKER
76	BLUEBAUGH
	MONTELL
	UPPER KITTANNING
	WESTERNPORT
84	ELLENSLIE
	LOWER KITTANNING
87	CLARION
	FULTON
	UPPER MOUNT SAVAGE
799	UNCORRELATED
924	LOWER AND UPPER KITTANNING
927	UPPER FREEPORT AND LOWER KITTANNING
949	BIG VEIN AND TYSON
	PITTSBURGH AND TYSON
950	BAKERSTOWN AND UPPER FREEPORT
	LOWER BAKERSTOWN AND UPPER FREEPORT

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 29

STATE: 260 MICHIGAN

CODE	NAME
538	UPPER VERNE
565	SAGINAW
799	UNCORRELATED

STATE: 290 MISSOURI

CODE	NAME
1	VARIOUS
482	FOSTER
	MULBERRY
484	
	LEXINGTON
	MENDOTA
490	HONEY CREEK
	LOWER FORT SCOTT
	MACON CITY
	MULKY
	RED
492	BEVIER
	HIGBEE
	HUNTSVILLE
	LIMESTONE
	WILLIAMS
496	CROWEBURG
	FIRE CLAY
	LOWER ARDMORE
	MOUNDVILLE
	ONE FOOT
	SOAPSTONE
499	FLEMING
	MIDDLE
	MIDDLE RICH HILL
	TWO FOOT
504	BRUSH HILL
	CHILHOWEE
	LIGHTNING CREEK
	LOWER RICH HILL
	MINERAL
	RICH HILL
509	TEBO
	WALKER
513	BOWEN

STATE: 290 MISSOURI

CODE	NAME
513	CHEROKEE
	EUREKA
	LOWER CHEROKEE
	MAMMOTH
	WEIR-PITTSBURG
540	CAINSVILLE
	JORDAN
	KNIFETON
	WAVERLY
545	CAINSVILLE
	JORDAN
	MONTSERRAT
	ROWE
	WAVERLY
799	UNCORRELATED
903	BEVIER AND MULKY
925	KNIFETON AND ROWE
979	BEVIER AND TEBO

STATE: 300 MONTANA

CODE	NAME
525	MCKAY
780	ROUNDUP
781	NO. 2
799	UNCORRELATED
805	BULL MOUNTAIN
806	MAMMOTH
807	CARPENTER CREEK
808	ROSEBUD
809	NO. 1
811	NO. 3
812	NO. 4
814	NO. 5
816	BELT CREEK
935	DIETZ NOS. 1 AND 2

STATE: 320 NEVADA

CODE	NAME
799	UNCORRELATED

STATE: 350 NEW MEXICO

CODE	NAME
479	BLUE
488	NO. 8
507	UPPER YORK CANYON YORK
771	SUGARITE
772	YANKEE
773	RATON
774	AZTEC
775	GIBSON
776	WHITE ASH
777	HOGBACK
778	COOK AND WHITE
779	CARTHAGE
785	BLACK DIAMOND
799	UNCORRELATED

STATE: 380 NORTH DAKOTA

CODE	NAME
564	HARMON
569	BEULAH-ZAP E
575	COTEAU
799	UNCORRELATED

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 36

STATE: 390 OHIO

CODE	NAME
1	VARIOUS
23	MACKSBURG NO. 11 WAYNESBURG WAYNESBURG (NO. 11)
29	MAPLETOWN MEIGS CREEK MEIGS CREEK (NO. 9) NO. 9 SEWICKLEY SEWICKLEY (NO. 9)
33	NO. 8-A POMEROY POMEROY REDSTONE REDSTONE REDSTONE (NO. 8-A)
36	FEDERAL CREEK JEFFERS NO. 8 PITTSBURGH PITTSBURGH (NO. 8) SWAN CREEK
60	HARLEM
62	ANDERSON BAKERSTOWN
70	EAST PALESTINE GROFF MAHONING MAHONING (NO. (-A) MAHONING (NO. 7-A) NO. 7-A
71	ALEXANDER BAYLEYS RUN BIG VEIN BLACK BAND BLACK VEIN

STATE: 390 OHIO

CODE	NAME
71	BLUE ROCK
	CAMBRIDGE
	DEL RAY
	MORRIS
	NO. 7
	SHERODSVILLE
	UPPER FREEPORT
	UPPER FREEPORT (NO. 7)
	UPPER FREEPORT (NO.7)
	WATERLOO
74	HATCHER
	LOWER FREEPORT
	LOWER FREEPORT (NO. 6-A)
	NO. 6-A
	RANDEN FURNACE
	ROGERS
	STEUBENVILLE SHAFT
	WHAN
80	BLACK BED
	CARBONDALE
	COSHOCTON
	DRY RUN
	GOSHEN
	GREAT VEIN
	HOCKING
	MIDDLE KITTANNING
	MIDDLE KITTANNING (NO. 6)
	MINERAL CITY
	NELSONVILLE
	NO. 5
	OSNABURG
	SHERIDAN
	STRAITSVILLE
	STRIP BED
	UPPER NEW LEXINGTON
	UPPER ZALESKI
	UPPER ZANESVILLE
	WASHINGTON FURNACE
84	CLAY VEIN
	CREEK VEIN
	LOWER KITTANNING

STATE: 390 OHIO

CODE	NAME
84	LOWER KITTANNING (NO. 5)
	LOWER NEW LEXINGTON
	MINERAL POINT
	NEWCASTLE
	NO. 5
	POTTERS VEIN
87	CLARION
	CLARION (NO. 4-A)
	NO. 4-A
95	BROOKVILLE
	BROOKVILLE (NO. 4)
	CONWAY
	FLINT RUN
	GRAY LIMESTONE
	NEWLAND
	NO. 4
103	LOWER MERCER
	LOWER MERCER (NO. 3)
	NO. 3
121	NO. 2
	QUAKERTOWN
	QUAKERTOWN (NO. 2)
285	JACKSON NO. 1
	JACKSON SHAFT
	MASSILLON
	NO. 1
	SHARON
	SHARON (NO. 1)
882	MIDDLE KITTANNING AND UPPER FREEPORT
	MIDDLE KITTANNING AND UPPER FREEPORT (NOS.6 AN: 7)
884	BROOKVILLE AND LOWER KITTANNING
	BROOKVILLE AND LOWER KITTANNING (NOS. 4 AND 5)
928	LOWER AND MIDDLE KITTANNING
	LOWER AND MIDDLE KITTANNING (NOS. 5 AND 6)
949	MEIGS CREEK AND PITTSBURGH

STATE: 390 OHIO

CODE	NAME
949	PITTSBURG AND MEIGS CREEK PITTSBURGH AND SEWICKLEY PITTSBURGH AND SEWICKLEY (NOS. 8 AND 9)
950	ANDERSON AND UPPER FREEPORT
955	PITTSBURGH AND REDSTONE PITTSBURGH AND REDSTONE (NOS. 8 AND 8-A)

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 40

STATE: 400 OKLAHOMA

CODE	NAME
1	VARIOUS
473	TULSA
490	FORT SCOTT HILL IRON POST LIGHTNING CREEK
496	BROKEN ARROW BROKEN ARROW (CROWEBURG) CROWEBURG HENRYETTA
504	MINERAL WELCH
507	SEQUOYAH
521	PAWPAW WHITE OAK
527	BLOCKER JONES CREEK MASSEY MAYBERRY QUINTON SECOR UPPER WITTEVILLE
552	CAVANAL LOWER WITTEVILLE
556	STIGLER UPPER MCALESTER
558	COALGATE-LEHIGH LEHIGH LOWER MCALESTER MCALESTER
562	RIVERTON UPPER HARTSHORNE
563	ATOKA

STATE: 400 OKLAHOMA

CODE	NAME
563	GRADY
	HARTSHORNE
	LOWER HARTSHORNE
	MCCURTAIN
	PANAMA
799	UNCORRELATED
880	LOWER AND UPPER HARTSHORNE
	UPPER AND LOWER HARTSHORNE
911	UPPER AND LOWER MCALESTER

STATE: 410 OREGON

CODE	NAME
799	UNCORRELATED
837	BEAVER HILL

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 43

STATE: 421 PENNSYLVANIA ANTHRACITE

CODE	NAME
1	VARIOUS
389	ABBOTT EIGHT-FOOT HUTCHINSON J LITTLE DIAMOND NO. XIV NO. 15
391	BIG DIAMOND BOWKLEY DIAMOND DIAMOND (SOUTHERN FIELD) GEORGE I KIDNEY MILLS NO. VIII (NORTHERN FIELD) NO. XIII NO. 14 OLYPHANT NO. II RICHMOND
393	LITTLE ORCHARD NO. 13
394	BIG ORCHARD GRIER H HILLMAN NO. VII (NORTHERN FIELD) NO. XII NO. 12 OLYPHANT NO. I OLYPHANT NO. 1 ORCHARD
395	DIAMOND DIAMOND (NORTHERN FIELD) G NO. VI (NORTHERN FIELD) NO. XI NO. 11

STATE: 421 PENNSYLVANIA ANTHRACITE

CODE	NAME
395	PRIMROSE
	SLOPE
397	F
	FIVE-FOOT
	FOUR-FOOT
	FOUR-FOOT (NORTHERN FIELD)
	HOLMES
	LANCE
	NO. V
	NO. V (NORTHERN FIELD)
	NO. X
	NO. 10
	ROCK
	SEVEN-FOOT (NORTHERN FIELD)
399	FOUR-FOOT
	FOUR-FOOT (WESTERN MIDDLE FIELD)
	LOWER FOUR FOOT
	LOWER FOUR-FOOT
	NO. 9-1/2
400	MAMMOTH (TOP SPLIT)
	MAMMOTH (UPPER SPLIT)
	NO. IX
	NO. 9
401	MAMMOTH (MIDDLE BENCH)
	MAMMOTH (MIDDLE SPLIT)
	NO. 8-1/2
402	MAMMOTH (LOWER MIDDLE SPLIT)
	NO. 8-1/4
403	BALTIMORE (BOTTOM SPLIT)
	MAMMOTH (BOTTOM SPLIT)
	NO. VIII (WESTERN MIDDLE FIELD)
	NO. 8
	TEN-FOOT
404	BALTIMORE
	BENNETT
	BIG
	COOPER

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 45

STATE: 42I PENNSYLVANIA ANTHRACITE

CODE	NAME
404	E
	FORGE
	FOURTEEN-FOOT
	GRASSY
	GRASSY ISLAND
	MAMMOTH
	MAMMOTH ZONE
	NO. IV (NORTHERN FIELD)
	PITTSTON
406	MARCY
	NEW COUNTY
	NO. III (NORTHERN FIELD)
	NO. VII (WESTERN MIDDLE FIELD)
	NO. 7
	SKIDMORE
	TOP COAL
	TWIN
	WHARTON
408	NO. 6-L
	SEVEN-FOOT LEADER
	TOP CLARK
	TOP ROSS
409	ARCHBALD
	BOTTOM CLARK
	BOTTOM COAL
	C
	CLARK
	FOURTH BED
	GAMMA
	NO. II (NORTHERN FIELD)
	NO. VI (WESTERN MIDDLE FIELD)
	NO. 6
	ROSS
	SEVEN-FOOT
	SEVEN-FOOT (SOUTHERN FIELD)
	SEVEN-FOOT (WESTERN MIDDLE FIELD)
410	DUNMORE NO. I
	DUNMORE NO. 1
	RED ASH
	RED ASH NO 1

STATE: 421 PENNSYLVANIA ANTHRACITE

CODE	NAME
410	TOP RED ASH
	UPPER RED ASH
412	BOTTOM RED ASH
	DUNMORE NO. III
	DUNMORE NO. 3
	LOWER RED ASH
413	B
	BUCK MOUNTAIN (TOP SPLIT)
	NO. 5-T
414	A
	A (SOUTHERN FIELD)
	BUCK MOUNTAIN
	BUCK MOUNTAIN (BOTTOM SPLIT)
	NO. V
	NO. 5
417	LITTLE BUCK MOUNTAIN
	NO. 4
	NO. 4-B
418	A (NORTHERN FIELD)
	ALPHA
	CHINA
	DUNMORE NO. 4
420	NO. 2
	SCOTTY STEEL
426	LV 4
	LYKENS VALLEY
	LYKENS VALLEY NO 4
	LYKENS VALLEY NO. 4
	NO. IV (SOUTHERN FIELD)
427	LV 5
	LV5
	LYKENS VALLEY
	LYKENS VALLEY NO. 5
	NO. V (SOUTHERN FIELD)
799	UNCORRELATED

J-46

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE

STATE: 422 PENNSYLVANIA BITUMINOUS

CODE	NAME
1	VARIOUS
23	WAYNESBURG
29	MAPLETOWN MEIGS CREEK PINE HILL NO. 1 SEWICKLEY TYSON
33	REDSTONE
36	BIG VEIN CONNELLSVILLE NO. 8 PINE HILL NO. 2 PITTSBURGH PITTSBURGH NO. 8 PRICE ROGERS YOUGHIOGHENY
38	FIRST LITTLE PITTSBURGH LITTLE PITTSBURGH
62	ANDERSON BAKERSTOWN FARMINGTON MAYNADIER MOSQUITO HOLLOW
63	HAGER HONEYCOMB LOWER BAKERSTOWN THOMAS
67	BRUSH CREEK BRUSHCREEK GALLITZEN MASON MASONTOWN PHIPPS
70	EAST PALESTINE

STATE: 422 PENNSYLVANIA BITUMINOUS

CODE	NAME
70	MAHONING
	SPEER
71	COKEYARD
	DAVIS
	DOUBLE FREEPORT
	E
	KELLEY
	LEMON
	LOWER FREEPORT
	MCINTYRE
	NO. 7
	SPLIT SIX
	THICK FREEPORT
	TWIN FREEPORT
	UPPER FREEPORT
	UPPER FREEPORT (E)
	UPPERFREEPORT
74	D
	DUDLEY
	LIMESTONE
	LOWER FREEPORT
	LOWER FREEPORT (D)
	LOWER FREPORT
	MOSHANNON
	ROCKVEIN
	SHANTZ
76	BARNETTSTOWN
	BIG
	C PRIME
	CEMENT
	CREEK VEIN
	CUSHING
	CUSHION
	NO. 6-A
	NORTH WASHINGTON
	RAILROAD
	SEYMOUR
	UPPER KITTANING
	UPPER KITTANNING
	UPPER KITTANNING (C PRIME)
	WOODLAND

STATE: 422 PENNSYLVANIA BITUMINOUS

CODE	NAME
80	BLUEBAUGH
	C
	CANNEL
	DARLINGTON
	LOWER FREEPORT
	LOWER KITTANNING
	MIDDLE KITTANING
	MIDDLE KITTANNING
	MIDDLE KITTANNING (C)
	MORGAN
	NO. 6
	TWIN BED
84	B
	BARNETT
	BLACKLICK
	BLOSS
	DAGUS
	DAGUSCOHONDA
	LILLY
	LOWER KITTANNING
	LOWER KITTANNING
	LOWER KITTANNING (B)
	MIDDLE KITTANNING
	MILLER
	MILLER B
	SONMAN
	UPPER KITTANNING
	WESTERNPORT NO. 5
86	BEAR CREEK
	UPPER CLARION
87	A PRIME
	BROOKVILLE
	CLARION
	CLARION (A PRIME)
	FULTON
	LOWER CLARION
	NO. 4-A
	UPPER CLERMONT
95	A
	BROOKVILLE

00

STATE: 422 PENNSYLVANIA BITUMINOUS

CODE	NAME
93	BROOKVILLE (A) GORDON LOWER CLERMONT NO. 4 PARDOE
103	ALTON LOWER ALTON LOWER MERCER MERCER
799	UNCORRELATED
880	MIDDLE AND LOWER KITTANNING MIDDLE AND UPPER KITTANNING MORGAN AND SEYMOUR UPPER AND MIDDLE KITTANNING
880	UPPER FREEPORT AND UPPER KITTANNING UPPER KITTANNING AND UPPER FREEPORT
881	CLARION AND MIDDLE KITTÁNNING CLARION AND MIDDLE KITTANNING (A PRIME AND C)
882	MIDDLE KITTANNING AND UPPER FREEPORT MIDDLE KITTANNING AND UPPER FREEPORT (C AND E) UPPER FREEPORT AND MIDDLE KITTANNING
883	BROOKVILLE AND UPPER KITTANNING (A AND C PRIME)
884	BROOKVILLE AND LOWER KITTANNING (A AND B) BROOKVILLE AND LOWER KITTANNING BROOKVILLE AND LOWER KITTANNING (A AND B) LOWER KITTANNING AND BROOKVILLE
885	BARNETT AND FULTON CLARION AND LOWER KITTANNING CLARION AND LOWER KITTANNING (A PRIME AND B)
886	LOWER FREEPORT AND UPPER KITTANNING UPPER KITTANNING AND LOWER FREEPORT UPPER KITTANNING AND MOSHANNON
887	BROOKVILLE AND MIDDLE KITTANNING

STATE: 422 PENNSYLVANIA BITUMINOUS

CODE	NAME
887	BROOKVILLE AND MIDDLE KITTANNING (A AND C)
921	REDSTONE AND WAYNESBURG
924	LOWER AND UPPER KITTANNING LOWER AND UPPER KITTANNING (B AND C PRIME) MIDDLE AND UPPER KITTANNING UPPER AND LOWER KITTANNING
926	LOWER FREEPORT AND LOWER KITTANNING LOWER FREEPORT AND LOWER KITTANNING (D AND B) LOWER KITTANNING AND LOWER FREEPORT LOWER KITTANNING AND LOWER FREEPORT (B AND D)
927	BARNETT AND KELLEY LOWER KITTANNING AND UPPER FREEPORT LOWER KITTANNING AND UPPER FREEPORT (B AND E) UPPER FREEPORT AND LOWER KITTANNING
928	LOWER AND KITTANNING LOWER AND MIDDLE KITTANNING LOWER AND MIDDLE KITTANNING (B AND C) MIDDLE AND LOWER KITTANNING
937	REDSTONE AND SEWICKLEY SEWICKLEY AND REDSTONE
949	PITTSBURGH AND SEWICKLEY
952	LOWER AND UPPER FREEPORT LOWER AND UPPER FREEPORT (D AND E) LOWER FREEPORT AND UPPER FREEPORT UPPER AND LOWER FREEPORT
954	LOWER FREEPORT AND MIDDLE KITTANNING MIDDLE KITTANNING AND LOWER FREEPORT MIDDLE KITTANNING AND LOWER FREEPORT (C AND D)

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 52

STATE: 460 SOUTH DAKOTA

CODE	NAME
799	UNCORRELATED

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 53

STATE: 470 TENNESSEE

CODE	NAME
1	VARIOUS
112	LITTLE FROZENHEAD
	MONARCH
	ROCK SPRING
	ROCK SPRINGS
126	CHESTNUT PEWEE
	JUMBO
	JUMBO LOWER HIGNITE
	LOWER HIGNITE
	MERWIN
	MIDDLE PIONEER
	PEE WEE
	PEWEE
	PIONEER NO. 2
	X SEAM
128	WALNUT MOUNTAIN
129	BLOCK
	BRADEN MOUNTAIN
	RED ASH
134	BIG MARY
	DEAN
	KLONDIKE
	STERLING
	UPPER DEAN
135	CANNEL
	FIRE CLAY
	FLINT CLAY
	LOWER DEAN
	POPLAR LICK
	POPULAR LICK
	WINDROCK
140	PIONEER
	UPPER PIONEER
142	BUCKEYE SPRINGS
	JACKROCK
	LOWER PIONEER

STATE: 47C TENNESSEE

CODE	NAME
142	MIDDLE
	SANDSTONE PARTING
144	JORDAN
	PEABODY
	SPLINT
147	CADELL
	JOYNER
	LICK FORK
151	BIG BRUSHY
	BROYLES
	BRUSHY MOUNTAIN
	COKING
	JELLICO
	LOG MOUNTAIN
	MASON
	MINGO
	PRUDEN
	STATE
	STRAIGHT CREEK
	WESTBOURNE
	WHITE OAK (NORTH TENN.)
157	BILLY GOAT
	BLUE GEM
	RICH MOUNTAIN
	YELLOW CREEK
168	BENNETT FORK
	COAL CREEK
	DIXIE
	DOUGLAS
	KENT
	KINGS MOUNTAIN
	LITTLE ITALY
	PUMPKIN HOLLOW
	RECTOR
	TURNER
212	ALMY
	BEAR CREEK
	CARBON HILL

STATE: 470 TENNESSEE

CODE	NAME
212	GLENMARY
	HELENWOOD
	LEMOYNE
	MURRAY
	OLIVER SPRINGS
	PAINT ROCK CREEK
	POPLAR CREEK
	POPULAR CREEK
	RIVER GEM
	ROBBINS
	SWAMP ANGEL
234	BRICKYARD
	HOOPER
	MITCHELL
256	CHRISTMAS
	REX
265	ISOLINE
	MORGAN SPRINGS
	ROCKHOUSE
270	BLANCHARD
	CATOOSA
	OAKDALE
	OAKDALE (CATOOSA)
	SODDY NO. 12
286	HALEY
	MAIN SEWANEE
	OAK HILL
	RENFRO
	ROCKWOOD
	SEWANEE
	SODDY NO. 9
	UPPER CLIFTY
	UPPER SEWANEE
295	CLIFTY
	COKE OVEN
	JACKSON
	KELLEY
	LOWER CLIFTY

TABLE OF CONTENTS

	Page	
Introduction	1	1/A8
Data Base	2	1/A9
Computer Program	2	1/A9
Program Constraints	4	1/A11
ECL Samples	4	1/A11
System Flow	5	1/A12
Accessory Appendices	6	1/A13

List of Appendices

Appendix A:	Coal Sulfur Analyses Data Base Format	A-1	1/B1
Appendix B:	FORTRAN V Computer Program	B-1	1/B3
Appendix C:	Input/Output Flow Diagram	C-1	1/C9
Appendix D:	Sample of Coal Analyses Data File	D-1	1/C10
Appendix E:	Sample Output of Analytical Program	E-1	1/C12
Appendix F:	Interconnections Between Main Program and Various Subroutines/Function	F-1	1/G5
Appendix G:	Index to Mine Locations and Seams Produced	G-1	1/G7
Appendix H:	List of FIPS Codes For States and Counties	H-1	2/A6
Appendix I:	List of U.S. Bureau of Mines Town Codes and Names	I-1	2/C4
Appendix J:	List of U.S. Bureau of Mines Bed Codes and Names	J-1	3/G1

STATE: 470 TENNESSEE

CODE	NAME
295	LOWER SEWANEE
	PILOT KNOB
	RICHLAND
	SODDY NO. 7
312	ANGEL
	BON AIR NO. 2
	OBEY RIVER
	POPLAR COVE
	RAVENSCROFT
	WILDER
320	CASTLE ROCK
326	BATTLE CREEK
	BON AIR
	ETNA
	NELSON
	NO. 5
	OLD ETNA
	ORME
	UPPER BON AIR
327	DADE
	LOWER BON AIR
346	UPPER GOODRICH
	UPPER WHITE OAK
	WHITE OAK
366	LOWER SALE CREEK
	MILL CREEK
799	UNCORRELATED
878	BLUE GEM AND JELLICO
	JELLICO AND RICH MOUNTAIN
	LOG MOUNTAIN AND RICH MOUNTAIN
	RICH MOUNTAIN AND MINGO
911	BIG MARY AND WINDROCK
	DEAN AND WINDROCK
	UPPER AND LOWER DEAN
918	PEWEE AND RED ASH

STATE: 480 TEXAS

CODE	NAME
799	UNCORRELATED

STATE: 490 UTAH

CODE	NAME
1	VARIOUS
2	VARIOUS
799	UNCORRELATED
800	SUNNYSIDE
802	LOWER SUNNYSIDE
820	ROCK CANYON
825	GILSON
830	ABERDEEN CASTLE GATE A
832	CASTLE GATE B
834	CASTLE GATE C
836	CASTLE GATE D D SEAM KENILWORTH
840	SUBSEAM NO. 1
842	SUBSEAM NO. 2
843	SUBSEAM NO. 2-1/2
844	SUBSEAM NO. 3
845	HIAWATHA KING-HIAWATHA
848	IVIE
849	UPPER IVIE
850	WASATCH
851	MUDDY NO. 1
852	FERRON A

STATE: 490 UTAH

CODE	NAME
852	I SEAM
853	FERRON J
855	BLIND CANYON
856	BEAR CANYON
886	HIAWATHA AND BEAR CANYON
887	CASTLE GATE B AND SUBSEAM NO. 1
905	CASTLE GATE A AND D CASTLE GATES A AND D
907	CASTLE GATES C AND D

STATE: 510 VIRGINIA

CODE	NAME
1	VARIOUS
104	HIGH SPLINT
	NO. 12
111	CORNETT
	MORRIS
	NO. 11
126	LIMESTONE
	NO. 10
	PARDEE
	PARSONS
	SMITH
135	DEAN
	FIRE CLAY
	NO. 7
	PHILLIPS
142	BUCK KNOB
	CREVELING
	LOW SPLINT
	MASON
	NO. 6
151	C
	CEDAR GROVE
	DARBY
	DARBY NO. 5
	KEOKEE
	NO. 5
	RED JACKET
	RUDA
	TAGGART
	THACKER
	UPPER THACKER
152	B
	DENDRON
	MARKER
	TAGGART MARKER
157	ALMA

STATE: 510 VIRGINIA

CODE	NAME
157	HARLAN
	JACKROCK
	NO. 3
	PUCKETT CREEK
	UPPER STANDIFORD
	WILSON
165	FIVE FOOT
	KELLY
	UPPER BOLLING
168	BURNWELL
	CAMPBELL CREEK
	FREEBURN
	IMBODEN
	LOWER BOLLING
	LOWER CAMPBELL CREEK
	LOWER ELKHORN
	LOWER MARROWBONE
	NO. 1
	NO. 2 GAS
	POND CREEK
	UPPER WAR EAGLE
	WARFIELD
174	BIG DORCHESTER
	CLINTWOOD
	FEDS CREEK
	MATEWAN
	NORTH FORK
	NORTON NO. 8
176	EAGLE
	MIDDLE WAR EAGLE
	MOHAWK
177	BENDS CREEK
	BENTLEY
	BLAIR
178	LYONS
	THOMPSON
185	BIG DIRT SEAM

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STATE: 510 VIRGINIA

CODE	NAME
185	DORCHESTER
	ESSERVILLE
	GLADEVILLE
	GLAMORGAN
	HASKELL NO. 3
	MARCEE
	NORTON NO. 2
189	MIDDLE NORTON
	NORTON
	YELLOW CREEK
195	HAGY
	LOWER WAR EAGLE
210	CLINTWOOD
	EDWARDS
	SPLASH DAM
214	UPPER BANNER
216	CARY
	GILBERT
	LOWER BANNER
252	DOUGLAS
	HARRIS
	KENNEDY
	WIDOW KENNEDY
259	GARDEN HOLE
	JEWELL
	JEWELL RIDGE
	LOWER DOUGLAS
	NO. 6
	RAVEN
	RAVEN RED ASH
	RED ASH
266	TAEGER
	JAWBONE
	LOWER JEWELL
	NO. 5
	RATLIFF

STATE: 510 VIRGINIA

CODE	NAME
266	SHANNON
268	JAWBONE-TILLER THICK TILLER
269	HOGWALLOW LOWER IAEGER NO. 4 TILLER
271	UPPER SEABOARD
205	LOWER SEABOARD SEWELL
302	LITTLE RALEIGH MIDDLE HORSEPEN
341	POCAHONTAS NO. 5
344	POCAHONTAS NO. 3
377	BRUSHY MOUNTAIN MERRIMAC
379	LANGHORNE NO. 3
866	LOW SPLINT AND PHILLIPS NOS. 6 AND 7
867	NO. 5 AND TAGGART MARKER TAGGART AND MARKER TAGGART AND TAGGART MARKER
868	CLINTWOOD AND UPPER BANNER NORTON AND BANNER
869	SPLASH DAM AND UPPER BANNER UPPER BANNER AND SPLASH DAM
878	TAGGART AND HARLAN TAGGART AND STANDIFORD
889	LOWER AND UPPER SEABOARD

STATE: 510 VIRGINIA

CODE	NAME
890	BLAIR AND CLINTWOOD
	CLINTWOOD AND BLAIR
908	LOW SPLINT AND UPPER STANDIFORD
	MASON AND HARLAN
	UPPER STANDIFORD AND LOW SPLINT
921	LOWER AND UPPER BANNER
	LOWER BANNER AND UPPER BANNER
	UPPER AND LOWER BANNER
929	BLAIR AND LYONS
930	IMBODEN AND TAGGART
	LOWER BOLLING AND TAGGART
931	EAGLE AND KENNEDY
945	HIGH AND LOW SPLINT
968	EAGLE AND HAGY
969	SPLASH DAM AND KENNEDY
971	KENNEDY AND RAVEN
972	IMBODEN AND KELLY
	KELLY AND IMBODEN
	LOWER AND UPPER BOLLING
	UPPER AND LOWER BOLLING
987	SPLASH DAM AND DORCHESTER
988	CLINTWOOD AND SPLASH DAM

STATE: 530 WASHINGTON

CODE	NAME
1	VARIOUS
2	VARIOUS
402	NO. 1
403	NO. 2
404	NO. 3 NO. 4
405	NO. 4
406	NO. 5
407	NO. 6
408	DOLLY VARDEN
410	MULDOON
415	SUNBEAM
417	DISCOVERY
423	DALE NO. 4
425	DALE NO. 7
431	OCCIDENTAL NO. 1
432	CARBON
434	NAVY NO. 6
436	OCCIDENTAL NO. 2
440	DURHAM NO. 2
441	OCCIDENTAL NO. 3
444	OCCIDENTAL NO. 6
446	OCCIDENTAL NO. 14

STATE: 530 WASHINGTON

CODE	NAME
447	POCAHONTAS
448	FRAZIER
449	RAVENSDALE NO. 9
451	RAVENSDALE NO. 5
453	RAVENSDALE NO. 4
455	RAVENSDALE NO. 3
458	ELK NO. 1
460	ELK NO. 2
465	WILKESON NO. 1
469	MORGAN NO. 7
471	CROCKER
475	NISQUALLY
478	NO. 7
479	NO. 8
480	NO. 10
481	NO. 11
484	BLACKSMITH
487	BLACK BEAR
500	LADD NO. 3
799	UNCORRELATED
821	BIG BIG DIRTY BIG DIRTY NO. 1
823	ROSLYN

STATE: 530 WASHINGTON

CODE	NAME
823	ROSLYN NO. 5
824	PLANT NO. 6 ROSLYN NO. 6
826	BAGLEY
827	DALE
828	MCKAY
829	JONES
831	BELLINGHAM NO. 1
833	ROSLYN NO. 8 WRIGHT NO. 8
928	
960	BAGLEY AND MAY CREEK
961	ROSLYN AND BIG
962	ROSLYN AND ROSLYN NO. 6
973	NO. 1 AND NO. 2
982	NOS. 2 AND 3
984	NOS. 3 AND 4

STATE: 540 WEST VIRGINIA

CODE	NAME
1	VARIOUS
2	VARIOUS
23	FAIRVIEW MOUNT MORRIS WAYNESBURG
29	SEWICKLEY SEWICKLY TYSON
33	REDSTONE
36	BIG VEIN NO. 8 PITTSBORGH PITTSBURG PITTSBURGH PITTSBURGH NO. 8 RAYMOND RAYMOND CITY
55	BARTON EIK LICK ELK LICK FOUR-FOOT
63	BAKERSTOWN FOUR-FOOT HONEYCOMB THOMAS THREE-FOOT
70	MAHONING SIX-FOOT
71	DAVIS SPLIT SIX UPPER FREEPORT
74	LOWER FREEPORT LOWER KITTANNING
76	UPPER KITANNING

STATE: 540 WEST VIRGINIA

CODE	NAME
76	UPPER KITTANNING
80	MIDDLE KITTANNING
	NORTH COALBURG
84	LOWER KITTANING
	LOWER KITTANNING
	MCQUEEN
	NO. 5 BLOCK
	TIOGA
87	CLARION
103	BELMONT
	HAMPTON
	LEWISTON
	LEWISTON-STOCKTON
	LOWER MERCER
	LOWER STOCKTON
	STOCKTON
	STOCKTON-LEWIS
	STOCKTON-LEWISTON
111	COALBURG
117	BUFFALO CREEK
121	BLACK BAND
	DOROTHY
	QUAKERTOWN
	WINIFREDE
135	CHILTON
	UPPER CHILTON
136	LITTLE CHILTON
	LOWER CHILTON
	UPPER HERNSHAW
137	HERNSHAW
151	CEDAR GROVE
	GLEN ALUM
	ISLAND CREEK

STATE: 540 WEST VIRGINIA

CODE	NAME
151	MARPLETON
	MINGO
	RED JACKET
	THACKER
	UPPER CEDAR GROVE
	UPPER THACKER
154	LOWER CEDAR GROVE
	LOWER THACKER
157	ALMA
	B
	DRAPER
167	CAMPBELL CREEK
	CAMPBELL CREEK PEERLESS
	CAMPBELLS CREEK
	PEERLESS
	UPPER CAMPBELL CREEK
168	BURNWELL
	CAMPBELL CREEK NO. 2 GAS
	FREEBURN
	IMBODEN
	LOGAN EAGLE
	LOWER CAMPBELL CREEK
	LOWER ELKHORN
	NO. 2 BAS
	NO. 2 GAS
	POND CREEK
	RAWL
	UPPER WAR EAGLE
	WAR EAGLE
	WARFIELD
170	BROWNSTONE
	BROWNSTOWN
	C
	HATFIELD TUNNEL
	POWELLTON
174	MATEWAN
	UPPER EAGLE
176	BIG EAGLE

STATE: 540 WEST VIRGINIA

CODE	NAME
176	EAGLE
	GIMMEL
	HERBERTON
	MIDDLE EAGLE
	MIDDLE WAR EAGLE
	MOHAWK
	NO. 1 GAS
179	LITTLE EAGLE
	LOWER EAGLE
195	LOWER WAR EAGLE
216	GILBERT
	KIDD
	LOWER BANNER
	MCGOUAN
	MCGOWAN
252	DOUGLAS
	DOUGLAS RED ASH
	RED ASH
266	BRADSHAW
	HUGHES FERRY
	JAEGER
	JAWBONE
285	DAVY
	LOWER SEABOARD
	MILL CREEK
	NUTTALL
	POCAHONTAS NO. 6
	SEWELL
	SHARON
293	HEMPHILL
	HORSEPEN
	LAMBERT
	POCAHONTAS NO. 13
	SMITH
	TUG RIVER
	UPPER HORSEPEN
	WELCH

STATE: 540 WEST VIRGINIA

CODE	NAME	
311	BECKLEY	
	POCAHONTAS NO. 06	
	POCAHONTAS NO. 12	
	SLAB FORK	
	UPPER BECKLEY	
	WAR CREEK	
	WINDING GULF	
318	FIRE CREEK	
	LOWER BECKLEY	
	POCAHONTAS NO. 11	
	QUINNIMONT	
334	POCAHONTAS NO. 06	
	POCAHONTAS NO. 3	
	POCAHONTAS NO. 6	
341	POCAHONTAS NO. 5	
342	POCAHONTAS NO. 12	
	POCAHONTAS NO. 4	
344	POCAHONTAS NO. 03	0061
	POCAHONTAS NO. 3	
	POCAHONTAS NO. 6	
710		
799	UNCORRELATED	
863	COALBURG AND NO. 2 GAS	
873	LOWER CEDAR GROVE AND NO. 2 GAS	
888	BECKLEY AND SEWELL	
891	BECKLEY AND FIRE CREEK	
	BECKLEY AND FIRECREEK	
	POCAHONTAS NO. 11 AND 12	
	POCAHONTAS NOS. 11 AND 12	
894	POCAHONTAS NOS. 4 AND 5	
895	ALMA AND NO. 2 GAS	

STATE: 540 WEST VIRGINIA

CODE	NAME
895	ALMA AND POND CREEK NO. 2 GAS AND ALMA
898	CEDAR GROVE AND STOCKTON-LEWISTON
898	BIG AND LITTLE EAGLE BIG AND LOWER EAGLE EAGLE AND LITTLE EAGLE LITTLE EAGLE AND BIG EAGLE LOWER AND BIG EAGLE
899	DOROTHY AND STOCKTON STOCKTON AND WINIFREDE STOCKTON-LEWISTON AND WINIFREDE WINIFREDE AND STOCKTON WINIFREDE AND STOCKTON-LEWISTON
913	CEDAR GROVE AND LOWER CEDAR GROVE
914	SEWELL AND WELCH WELCH AND SEWELL
915	SEWELL AND DOUGLAS
916	CEDAR GROVE AND NO. 5 BLOCK
917	DOUGLAS AND IAEGER
919	FIRE CREEK AND SEWELL SEWELL AND FIRE CREEK
920	FIRE CREEK AND POCAHONTAS NO. 6 POCAHONTAS NOS. 6 AND 11
922	GILBERT AND BENS CREEK
924	LOWER AND UPPER KITTANNING UPPER AND LOWER KITTANNING
928	LOWER AND MIDDLE KITTANNING MIDDLE AND LOWER KITTANNING
930	CEDAR GROVE AND NO. 2 GAS NO. 2 GAS AND CEDAR GROVE

STATE: 540 WEST VIRGINIA

CODE	NAME
931	DOUGLAS AND EAGLE
932	DOUGLAS AND BENS CREEK
933	POCAHONTAS NO. 6 AND SEWELL
934	HERNSHAW AND NO. 2 GAS
937	REDSTONE AND SEWICKLEY
939	LOWER CEDAR GROVE AND ALMA
940	LITTLE PITTSBURGH AND UPPER FREEPORT
943	BELMONT AND COALBURG COALBURG AND BELMONT COALBURG AND LEWISTON COALBURG AND STOCKTON COALBURG AND STOCKTON-LEWISTON
944	CEDAR GROVE AND COALBURG
946	PEERLESS AND SEWELL
947	CHILTON AND NO. 5 BLOCK NO. 5 BLOCK AND CHILTON
948	NO. 2 GAS AND NO. 5 BLOCK
949	PITTSBURGH AND SEWICKLEY
950	BAKERSTOWN AND UPPER FREEPORT UPPER FREEPORT AND BAKERSTOWN
952	LOWER AND UPPER FREEPORT
953	SEWELL AND POCAHONTAS NO. 4
955	PITTSBURGH AND REDSTONE REDSTONE AND PITTSBURGH
956	CEDAR GROVE AND CHILTON CHILTON AND CEDAR GROVE
957	CHILTON AND NO. 2 GAS

BED CODES AND BED NAMES CONTAINED ON THE COAL ANALYTICAL TAPE PAGE 75

STATE: 540 WEST VIRGINIA

CODE	NAME
958	DOROTHY AND NO. 5 BLOCK
	NO. 5 BLOCK AND DOROTHY
	NO. 5 BLOCK AND WINIFREDE
	WINIFREDE AND NO. 5 BLOCK
959	BELMONT AND NO. 5 BLOCK
	NO. 5 BLOCK AND STOCKTON-LEWISTON
960	EAGLE AND POWELLTON
	POWELLTON AND EAGLE
961	NO. 2 GAS AND POWELLTON
963	BECKLEY AND POCAHONTAS NO. 4
964	EAGLE AND NO. 2 GAS
	NO. 2 GAS AND EAGLE
965	COALBURG AND NO. 5 BLOCK
	NO. 5 BLOCK AND COALBURG
966	CEDAR GROVE AND EAGLE
	EAGLE & CEDAR GROVE
967	ALMA AND CHILTON
	CHILTON AND ALMA
974	ALMA AND EAGLE
976	DOROTHY AND NO. 2 GAS
	NO. 2 GAS AND WINIFREDE
	WINIFREDE AND NO. 2 GAS
978	CHILTON AND LOWER CHILTON
985	CEDAR GROVE AND DOROTHY
	CEDAR GROVE AND WINIFREDE
	THACKER AND WINIFREDE
989	BECKLEY AND POCAHONTAS NO. 6
990	BECKLEY AND POCAHONTAS NO. 3
	POCAHONTAS NOS. 3 AND 12
991	POCAHONTAS NOS. 3 AND 6

STATE: 540 WEST VIRGINIA

CODE	NAME
994	POCAHONTAS NO. 3 AND 4 POCAHONTAS NOS. 3 AND 4
996	POCAHONTAS NOS. 6 AND 9
997	POCAHONTAS NOS. 3 AND 5
998	POCAHONTAS NOS. 10 AND 11
999	POCAHONTAS NOS. 10 AND 12

STATE: 560 WYOMING

CODE	NAME
1	VARIOUS
2	VARIOUS
506	ROCK SPRINGS NO. 8
520	DIETZ NO. 2
522	BADGER
523	SCHOOL
691	HEALY
698	DIETZ NO. 1
701	SMITH
702	ARVADA
706	FELIX
708	LOWER ULM ULM NO. 2
782	ADAVILLE
783	MONARCH
784	CARNEY
786	MASTERS
787	ROLAND
788	ROCK SPRINGS NO. 5
789	ROCK SPRINGS NO. 4
790	ROCK SPRINGS NO. 3
791	ROCK SPRINGS NO. 1
792	ROCK SPRINGS NO. 7-1/2

STATE: 560 WYOMING

CODE	NAME
793	ROCK SPRINGS NO. 9
794	ROCK SPRINGS NO. 7
795	ROCK SPRINGS NO. 10
796	ROCK SPRINGS NO. 11
797	ROCK SPRINGS NO. 15
798	VAN DYKE
799	UNCORRELATED
801	KEMMERER KEMMERER NO. 1
803	WILLOW CREEK
804	HANNA NO. 1
817	HANNA NO. 2
818	HANNA NO. 3
819	HANNA NO. 5
951	ROLAND AND SMITH SMITH AND ROLAND
952	MONARCH AND CARNEY
953	ROCK SPRINGS NOS. 1 AND 3
954	ROCK SPRINGS NOS. 10 AND 15
955	HANNA NOS. 2 AND 79-A

TECHNICAL REPORT DATA
(Please read Instructions on the reverse before completing)

1. REPORT NO.	2.	3. RECIPIENT'S ACCESSION NO.
EPA-450/5-80-008b		

4. TITLE AND SUBTITLE
A Statistical Study of Coal Sulfur Variability and Related Factors - Documentation for the Coal Sulfur Variability Data Base and Analytical Program

5. REPORT DATE
May 1980

6. PERFORMING ORGANIZATION CODE

7. AUTHOR(S)
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8. PERFORMING ORGANIZATION REPORT NO.

9. PERFORMING ORGANIZATION NAME AND ADDRESS
Foster Associates, Inc.
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10. PROGRAM ELEMENT NO.

11. CONTRACT/GRANT NO.
68-02-2592

12. SPONSORING AGENCY NAME AND ADDRESS
EPA, Office of Air Quality Planning and Standards
Pollutant Assessment Branch
Research Triangle Park, NC 27711

13. TYPE OF REPORT AND PERIOD COVERED
Final

14. SPONSORING AGENCY CODE
U.S. EPA

15. SUPPLEMENTARY NOTES
Project Officer- Rayburn Morrison, OAQPS/SASD, MD-12

16. ABSTRACT

The report describes the data structure and the analytical program developed by Foster Associates, Inc. for the EPA project "A Statistical Study of Coal Sulfur Variability and Related Factors." Its content and scope are designed to convey basic and necessary information about the data base and the computer program to permit data processing personnel to perform modifications and improvements to satisfy specific needs.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Coal Sulfur Variability Air Pollution Emission Standards Coal Sampling Coal Analysis Fuel Data SO_2 Emission Data	Coal Sulfur Variability Air Pollution Control	

18. DISTRIBUTION STATEMENT	19. SECURITY CLASS *(This Report)*	21. NO. OF PAGES
Unlimited	Unclassified	256
	20. SECURITY CLASS *(This page)*	22. PRICE
	Unclassified	

EPA Form 2220-1 (Rev. 4-77) PREVIOUS EDITION IS OBSOLETE

J-79